COMPUTER PAPER

Educational Software

Does it make the grade?

SOLUTIONS

Computer Training

FREE

OmniPage OCI and much mor







Comtex 386 33 Mhz Comtex 486 25 Minz 1386 0:93° 54K Ceche Desidap Tebs 0:95° 138K Ceche Desidap Tebs 0:95° 138K Ceche Tawer 4NB RAM 1 3 NB Floopy drive, 5NB RAM 1 3 NB RA

Monitor & Hand Crive net included Many other models available

Call 437-3113



with Vision Looking For

Look For

904 728-6399 004 729-0398 Fax 201 West Broadway Incourse, BC VMH 1G7

RRESISTIBLE



ook Varehouse

Jarehouse



NETWORKING \$\$\$ & SENSE VARCOVERS II INTROGRAM COMPANY PROVIDED MET PRICE, COLUMN, MOPPONT A PERFORMANCE WITH COLUMN AND ADMINISTRATION OF THE PRICE OF THE PRICE





Business Hours
Business Hours
Fit Go (69) 775 House St, Vancouver, E.C., VGI 20V1
Fit Go (69) 7957 Fax 604 693 5919

each seld may ___ 50's

From the Editor



Computers not changing the learning process said to sease, at least, bring ices question the very

brought not changes to corporations and created

truchen and the entire school enters. This mostly we review three Canadian-developed education packages, All fo Nate Trac and Consequent Geneda from Delatech and School Flor by Oxidity Ladyman that highlights what is describle in good educational software from a tracker's presentate. Geogra Stade office in: "A Tale of Two Destroy," a room

Lifeboog bransing at a topic we make in setales on training Bost Dobbon a

Niction Bases tokes a tank at OsnalPage, an optical character recognision Nelson lines; that rank a post or commercial, an option of to some in test from package that rank moder Windows. The program allows you to some in test from magazines, books, letters, etc. Once? age then "rende" the text and converts in

Nakon has recently relocated his deshop publishing training business to the Ace Moves East, Seeks Wild Life

Melelse

Editorial Schedule

NOUS	Topks	Copy	Camera Ready	Distribution
OCT 91	Wird Processing. Windows, Monhors	56816	Sept 16	0.14
NOVSI	Under, Westpheliener, Hand Orlyse	0d:14	Oct 16	Nov 1
DEC 91	Gazes, Printers, The Sent of 1951	No. 11	Nov 12	Nov 29

Contents S.C. Sellien . Sept 1991

Features

Product acres from the Senion scharcege. Jam Nandylo.

10 sears upo, 64E was a let of EAM. Mo, how turner have changed. From Monthlyto. After 3 years, did redshing to a POS still seem suck a good oles? By Grover Bennett Dealers and which programs they recommend-and why. By The Computer Proper study

Articles

A Tale of Two Dyslexics You Pay Your Money, You Take Your Chance..... An letro to CAD..... DOO Purchasts are they safe?..... You can tran 720K daily men I 4MB Girls. Bet should you'r Pt Grane Smooti Cherles Moore.....

The originator of Forth comes to Vaccourry By Sonly Com-A wounds for high tech pola servals a need for desper skills. By R.G. McNatt

Reviews

Commoders26

Ormitage 3.0 Hitechi CD-90M.....

Visual BASIC New Life for Old Maca

Now I became a track devict waxaan. By Cathajon Labout Smit. The Sharewere Shelf

Departments IBM World.... Newsbytes ______11 Atari 23

Delegan and and and

THE COMPLITIE PARES Masthead Publisher / Editor Andrews Editor Glasse Lerret Newsbyges Complexing Adhors

Elerberhors, John McComick, John and Battars Grants Serret, Rocky Sneet, Catholica

Fat lock their hee 132-5599

OF STREET WELL BELLIN ENVERGMENT OF NEW YORK

Cellos Manager

precediments that Notes

the Cooputer theor is published months. If you The Compoter Paper Michery Conada's permission of the Publisher is sitisfy perhibited. PRINCIPLE - BULLER COLUMBIA

ALBERTA OFFICE Gare \$60, 754 Fot St. St. Colpany, Alberta Tir. 300 Meters Am Wilstone, Non ETC Date

2nd Class Postage For Number 7718

OS/2 For You? I read Mr. Boor's externoon acticle en OA/S in your August issue; at was

Mailbox

Of/2 instead of Wandow 50 and the necessary applementary programs and

5.0 on 506 clies computers and Ny syrena weeks to my selisticolosy I

Wese't OS/2, being a 16 he

structure, primarily designed to well with 200 commuters? Workful? (we) .he better off to soit for OS/S,

which will have a \$2 hit opportune on Do you think that the suffrence

mutching a system so as to be 'open for I copy year paper very mack, the

company whose admirturement cuarks Dend P Echanot Pactients & Solicitor, Vencourse



286





EISA 484-253490-484-25MH

\$3798

Are. VSA \$100 1540 x 4000

•	

SX \$1298 \$2298 All system peckages inclusing 2M85.25" Floors Disk Drive or 1.456821.5"

+ 40548 Hand Clob with 1905 1 1 105 Committee U* migh Resettation Merciter & Mona Crephic Car • Small Ferriginist Case with 29898 CAA Person supply • Enhanced Keebourd, 181-101Y

tentrent, S.C. VST RG6 House More Sat 9.50 am - 6 per

Kudos keep coming last a fee to say keep up the good A lable ande for Gorden Class Could not recommend a send/fex -

A THE PERSON NAMED IN

4222, Progrisser X34E Models 4297. U consistie to deck PC and Man configurations and mon good to sleep when capability will point our Folials

AnnieWorks for the teacher render Ired Houghton, she wasted to to once Edge in MOSS or DINE formats compatible competer and file transfer

and it amidable for US\$99 from SoftSpokes, Soc., 7 O. Box 18243, Roleigh, NC 27449 Tel. (922) 870

Apple telk I too level with and leved my Apple I look forward to getting your poper VCA card This is a fabulous machine at only CEL 500 florided) and

leptop with number aptrons. Regardiess hhe Mr Houghton of approximately 2000 old Prolles Sies.

Thinks pers, we know armitoth franci

Zolah. With 12 improved editor, all characters. The grigory has to be near III Model 4001, II and IIIXI, Model

3. Innex 1.2A is a Sharewere

NOO or committee. 2 WordPerfect 5 3 has all the

BBS curery

mordens, I have satellide norms to North





COMMUNICATION SEPT 31

Your Recharge Specialists



re The First

We are pleased to announce the arrival of our new Canon Colour Laser Corier with Postsorint interface

and Bill Paulsonist files from The Conen Colour Lover Capier nou need multiple copies of ling or presentations. It is now





BSCRIBE TODA

Low Cost

Printer Sharing

What's New

In district Smow

m well m a about in Edmonton and one in Colgrey The show runs 10 a.m. to 6 Softworld debuts in To acknowledge SOFTWORLD's

The good of SOFTWORLD is to help

Vancouver every two years. The

PCCFA Announces Annual Fair and Swap Meet Date hold on Saturday, October 18, 1991, from 10 a.m.to 4 p.m. For the twelfth communities were. Due sweet will be hold

As in preness sears, private emigrant, softwar, books, and other

The POZA, a non-prefit secondor pseudel streams of talks and workshop. include representatives of Microsoft The cost of tables for sellers will be

September 16th on MEND LINES BRO. discussion exper-For non-members of MIND LINE region a complementary membership Born to Shop According to a promistion put out by

18% or the last two bears, facebox be a political occupager, heace his

Postscriet Color Lasers

Available at Service Reth Laner's Edge and Wood

competition, justifying their clean to being the first in E.G.) You may have companies. The shaller of dots-per-such (dps) laser princers, experimenting with using the output supporter one letter one \$15 and toblish now \$25° Chace was been one cast of the

mechane, the displaying cost gree was volume. If you send supremers, lowwhere color documents, and you are Eve not and the RE' hos to not to the se (604) 684-5464, OCS Technologies Are you one of the 85% of the

Slipped a Diskette?

Purchase Ordering Software me and shipping com, custom or built-

Contact the Bureaux 1990A 594-6635

RIP box Ripped Off According to a recent report in processor (KIF box) for three

second gredner in the NRN family. The

Ministropies Office Automatica Loshows, the newly appointed president of Sharp Electronics of Shara's color fasters, a \$95 version of LCD and display technology

lapting computers emplease with Sharp. merc information, evelucit Maitronia 970-9225

Destroye Bookston a official conded available celine from Stay. We got the

Stind Link! Startun Kit now available in Computer Stores The Mind Link! Sowrap Elt can now

membership, now to follow Bermann's (ESO 576-1214). You can also send Link!. When you log on, simply type

O: Which business computer will Step-Up as your business needs step up?

Answer: O.

O's Step-Up Modular Systems are here! NOW, as your business grows, Q systems grow with you! Q modular systems offer a CPU, Math Co processor and Hi-Speed Cache all reposited on a spectanular modular bound. O lets was Saro-LisTM to the evolves madel you want. For lockance, start with a 360/25 and upstrade courb and effortiably to a 366/33.

Shorth or every a 400 system with inventible speeds of on to 50 MHz and user memory of up to 6000 edeace the benefits of this new architecture brought to you by award-winning manufacturers at suraridarly allocable prices. With two motherboards



creating power you need today and with it, set the cetion patible. See us at our downtown showcase (Suite 304 -

In British Columbia and Alberts, and and drees 1,506,247,0000 The Business Commuter that Means Business

Total Sec to Copies of States PER STATE OF Leston TRACK Salettus COUNTY on St had be been a line both Squares LCD 1 VCA set a 68 problet and come and MCA pro-5 2219

5269

296 16941

DEEDS 40AP4

Mail Friday, Attached Communication Communic

aunitance of two competitives. Graphics, got Bridgeport back on their

Software for Sports Card Fans ammunical Specifician, software

INFORMATION has recently mass to solve a problem that all counting, sorting, documentary and

feetures twenty-one different experts. four different graphs and real-time councy DiPOmation 5794686 Mac-Based ESL Training Program makes the Big

Locally developed MacESL (Easted) Educational Sefture Collectico.

Multi-Level Marketing

Reseller Management

Handbook

ARE SSMIN

 FM Tower Case w/250N CSA-Approved

* 109MI Hard Down

466 33MHz w/Capho

 Triden 1MB Video Card Selec 25 do 9Autovocê Monitor

Price \$3499.

and provides action-on-exten

The Pen Computing Special Immer

Local Developer Elected to SPA Pen Computing SIG Group (SIG) of the Software Publishers

mind. The book is \$40 and up

Supplies now available locally Wasper Systems, a submittery of

Amounts resulter muchet. Wagoe sella

Board Peablant has also receastr

+ COMPUTE CREAT DEALS

> CELLINAR 4 Metorela DPC 000 - \$1200.00 Monorala 6000M . SOMELOG

CANTEL

A+ COMPUTER Tel. 522-8009 Fax 522-1126

860-12th Street. New Wastmiaster, B.C. Canada V3M 4K2

SPECIALS Coffmon * Carel Draw 2.0 #dBess N 5499.99 Hardware * Sound Titalian \$150.00 Laser Petrter \$1099,99 * Cardnel 2400 Int Modern \$74.98

 Cardinal 9000 Send Rec. Int. Fitz w/ Software.... * Sharp PC6541 Notebook VSA 180-CMFs, LANSING 20-61-D TMFRAN KATH \$2400,00 6969,00 No Hidden Costs \$1199.99 \$1589.00

\$2289.00

No Germides Just the be

No Unneeded Parts price possi



THE COMMUNICATION NAMED AND ASSESSED. Monorain 69000-based mechanic with 60050 merupanener, 600 of EAM. Bob Lenthus, President of Outboard Smirms, unreleved the new

Promoted operators life on a single hance charge in three hours.

When a customer southeast as Outhough Notations, he sim purchases a used Mar MSEX or ST, Outlewood

STRACHAN COMPUTERS Spectacular Offer:

Networking From \$499 LANtastic Starter Kit

Now your expanding business can be modernized for an incredibly low price Ask our experienced staff how you can benefit

Why Strachan? 10 Years in Danisses III Great Prices

from networking your computers Why Network? Why LANtastic? # File Sharing "LANtesis NOS INsteach Operating System) is a very

File Transfer Britter Charles shane, signate to losted and East Sharing CO-FOM Sharing Choice rewalerty"

WEST VANCOUVER

DOCUMENTAR SUPPLY

Lette BAN

Louthon you raked about the mad-shifty of Macannois ROMs in case of

curbles of according a set of ECMs for

Septect Lags Anne Sultan, Outbound Springs

OEM Production Of Book Pene Macintosh To Sony TORYO, MANY AND 2 DIES

n finger ship, there, for Apple discount plans for a habiterable same discussed plans for a lightweight, note-

(four to seven pounds), and the he NO MARKE.

Anade Communer's Portable has been on the market successful, but th popul (7 thg) and the price (995,000 year or subspiner which observes sacreApple Computes might see in furthering melinentin development as the Marsalond, and specifically a neighborh. Mar Carried into 3440 2000.

Claris Intros ClarisWorks Integrated Software SNYA CLASS, GALIFORNIA, JUL.

or (red) "Cases are increased in a new common property of the cases of

sections with and features from being sections with and features from being selected and partial products force the user to meny temporal measurement of the section of the

the United States showing the friently quarter of 1991 at the suggested price of US \$199 Carriers owners of Claim AppleWorks, Applements CS, Microsoft Works, Spennetze GermeWorks, and EngTites can supprode to CheleWorks for \$99 Germet tone tork, Clair Cop., 400-807 Tork.

Claris Ships Resolve
Spreadsheet
NNTA CLARA CALIFORNIA, AUX
5 (NB)-Following in recent offere of
the Claraffolia integrated spreadsheet
to compan. Ancoly with. Belowald
World, Clark less now measurement ships
World, Clark less now measurement of the

the Michaelle, designed to relat morbits have from the peptide Earle, and the edge and of the secretly announced toward of the secretly announced toward of the three periods and the edge of the secretary Earle frakes no matter over another the condens the of two and calend graphics with promoted area sprumbhers the collect and the secretary of the secretary and other advanted fastness, solutions of secret to memorate represent to a solution [1]. The solution [2] is not the solution of secret to memorate represent tools and the company of the secretary and the collection of the company of the secretary and the secretary and the secretary and secretary and secretary and secretary and secretary and secretary secret

and the company An interest volume from An inthe all new Minimization volume from the company resp. the confidence which all advantage of Spain 70 and the company of Spain 70 and 10 an

COMPUTER PRODUCTS LTD

3865X/16 \$945 \$945 \$386/33 \$1280

Upgrades & Options
(only with system purchase)

Express Micro Hees
Call for Island NEC printing

ALL SYSTEMS INCLUDE

1 10 FWW Memorani

1 1.1340 FED

2 standar panish (panish)

2 standar panish

** The state of th

manufacts the manufacts and ma

VERSATILE -



lde tests Apple's new operating system.

no Board for Shirty to 485 ! The hast upprade path for 4261



* COMBUNAN * INTERNATIONAL PC MARKET



Bullbarra Susser VIIA Manitors









Motherhearts Controller Cards VCA Bundles & More

iikama Introduces Our

· VANCOUVER · TORONTO · MAI



 Software Upgrades Insigans Seletions has encounced a merging opgoint program and resignment of their last on 1950/200 seletions constants. All three of the company! University Selection of the company! University Selection of Selections on their upgraded to Venezia 2.5. The last venezia finition support shall, cred have venezia finition or proper shall cred working completely, more greater creations, new success facilities.

projects to be all an polera decreased and resign—The revised Later/Wise. If an of the Constitute of Sold-Warre will now be shaped unto a company?

The revised Caser/Wise Later was the projects of the company of the constitute of the shaped unto a company. The constitute of the con

compatibility, and a spricker accordance

Decree of the property

attacle (straig); and reducted an attended in the educational but still retain an elementary of the pure house attended in the elementary of the pure house retained protectionly under the Convent/Marc label Unformantiely Constant/Marc label Unformantiely Constant/Marc label Unformantiely Constant/Marc label Unformantiely December of copies, justificially failed to Congre to park spillar decidencies register. Mapplets demonstrated Mapplets for Microsoft III fail now version, which is displaying about an elementary and elementary of the purpose of elementary of el

The price of the pockage has been set a \$955 and in sustantaneously remote as donroll mean.

Enforced Enfource lives seamonced that Genmanda bits a compatible with Apples Spines 126 and takes submitting of coming features of the new operating system. Planness like faithful high are prices. Planness like faithful high are to make the of the completifier of Genmanda Mar delining or the comference and the compatibilities of the state of the compatibilities of Genmanda Mar decorating or the com-

Software Demos
Issuem Solutions was descentioning their upcoming product SolNodes
SolNodes and allow Missississ manricing SolNode with the comprehensive series
SolNode with the comprehensive series

Advanced Network Version 3.18, 123
and Network 366 as the Educate environment. All other advance professor mental and solution advance professor and active to the period of the supposed to began dispipacy in supposed to began dispipacy and \$1,100 for a man these liveness and \$1,100 for a man these liveness and \$1,100 for a man these liveness and \$1,000 for a man the liven

ROM Calmid the "feeing hooks" artises. Broderhand announced plans to here it least four books released soon. There books contries in uncercave enteresments with annuances, soonal tracks, special offices, and a hyper test like sweek facility to economy; it likeless to explore the mony and all of its numbers.

capace the sory and at or to considerate.

Takes will include "Just Genocies and Ma," "Arthur Teacher Troubles,"

New Rid on the Brock," and the Among lights starting with "The Taronius and the Harr, "The first in the series, "Just

THE TREND SETTERS LEGEND 4865X-20 & LEGEND2 NON-INTERLACED MONITOR



* SEX susual learn note, 230

* SSEX hyperable in 2000;

* SSEX hyperable in 2000;

* SSEX to 1900 Freque in

* Stance Depth Exhibit 5 and

* Stance Depth Exhibit 5 and

* Exhibit 5 bender and 5000 in

* Exhibit 5 bender and 5000 in

* Exhibit 5 bender and

* Exhibit 5 bender and

* Exhibit 5 bender and

* Exhibit 5 bender 5 bender

* 2 Your Neward 5 bender

* 3 Your Neward 5 bender

* 3 Your Neward 5 bender

* 3 Your Neward 5 bender

* 4 Your Neward 5 bender

* 5 Your Neward 5 ben













we growthers, then 141 fe the 14 fe

More Software Uppradez

2400 BAUD MODEM

13 Speed transmission: 2400(1200/200 bps

15 Includes software and cable

15 Cobelical Support Hathor

14 Also narrow, 14 And deal

15 Troe fine transmission

SMART ONE





CanonBJ-10e

Se Quet, you'll hardly know as then
One Your Warmen's
GREAT FOR
MACINTOSH & IBMI!

\$415.99



\$1999.95

Consume and only grade archives

(2) This make it more in

(2) This make it more in

(3) This make it more in

(4) This make it more in

(5) This make it more in

(6) This make it more in

(7) This make it more in

(7) This make it more in

(8) This make i

ASK ABOUT OUR WEEKLY IN-STORE SPECIALS

TOMORR YOUR COMP

R WEEKLY IN-STORE SPECIALS!
TOMORROW'S GRAPHIC
YOUR COMPLETE SERVICE RUREAU



Paramy before your competitor what's happening in your industry all over the wo. P-Send a fax from any computer at home, the office, a client's

at home, the office, a client's

Have a central electronic mail centre that's
secure and easy to use

▶ Access thousands of free programs immediately

Loss abord the technology that one and marpropiles as many Call only and finded subside the control of the control of the control and the control of the control of the control MINDLINK

534-5663 Fax 534-7473 M O D E M A C C E S 578-1214 • 885-1214 • 886-3231



This Exclusive Annex MIDI Package Includes

- > Apple Manistech Classic with 2MB RAM & 40MB Hard Drive
- > Conocte MIDI Translator Interface ➤ Cacode EZ Visian Sequencer Software
- to 7 MIDI cables with lifety we asserted

Payment Getions: Costs Chemie VSA MC or lesse.

Frame Technology and Adam way

The section, which ACTUS went to restricts arroyal of these directories, here about hore present within 40.

ESPERIMEND REPORT September a new hand-held acuston derector and graphics date. Collect

canomer requests. Both companies

all current serve who have a word to Q665 sell began shipping a pear of

See desires ward pagents that france o models differ as the second of paper any due they support. The HEMR has a single paper tray while the \$12568 Francisco, and come with 43 indices feen. The MR is the model name 300 for 500 dem-per-exch (DPT)

tion (OCE) on the test own of a also scioned in Radius has begun abiparents of its

new last of filters descreed to reduce the lifers to the line can be matalled on Mandada has began slapping on

is committee with the Massacoh and mor No and compatties frecoded care of NESC, PAL, SECAM, Composite controller that upgrades the perfec-

Core will begin shipping in RAVENS TAKING

piration



For Religibility. And Speed That of Choice is - SEC. 13.10

Mith technicules perstanced

encellent corners on AST systems * Making A57 systems affordable



trended There is also an advanced

SuperPaint 3.0

Contact increa End, Silven Sen's Solonore

out requiring a 24-bit board," said The samp enhancement feature of Another new Science is tenture (Ris.

then regularly point or down EFS truhave our be used from another pro-Gredents have slee been added

policity. Trefor and the samplified from in place media from statio CD's sidefair makes the program maker to

While Soon was demonstrator univ

tions to develop products that was 1100 is a product that allows you to each

The units day player model MDF

Superhier will be smaller to the

MOSTON MASSACHUSETTS AND

puter controls the MDF na a seriel hask Lamansa

*CANON Full Colour Copies

Iosep Cappider Recluser- at tomore

* Scanning: GustaryDCR # MAC Rosuk, use, user messes

Disc Conversions: ISM -- WA * Self-Inking Stamps

* Typesening

OPEN SATURDAY 11 AM - 6 PM 3496 Camble Street • Tel. 876-5550 / Fax 876-8819 COLOR SCANNER

More information where Laptop

· Flord Bed - CCD Se Automatic Plat Bad Scan

· Connects to Serial Port · 64 Tones, 262,144 Colors - 100mm x 160mm Scan Area

Ase 4005 Available only at

72-3225 MINITADRICS 1948 Kingsway at Victoria Driva, Vancous

which gives you as instant feature computer of your seaching does require repair, regardless of the brand you choose. Our experienced professionals Will patiently locks you should the ou

Become we still believe as belease you find the lost easter for your consider.

. Allends have deale \$2495

Bring in your heat quate. We will heat may price on any system. Westcoast Computers

For at Westroad Computer, you get more than just a "year-solved

SAMSUNG

You get a Consener Support Police that is

We even provide our exclusive no-consense Leaner Parrents.

1637 Lonsdale, North Vancouve (604) 986-7680



ATRIOT



INCLUDES GENERAL PURPOSE SCHEOULER SOFTWARE FOR UNATTENDED TAPE BACKUP

ISC - UNIX , SCO - UNIX , SCO - XENDA 4 AEX DRIVERS - OFTEDNAL CONTROLLER GARD - OPTIONAL 120 MB* AND 250 MB* MODELS

PATRIOT 120MBG (Model: PAT-TBU 120) \$ 299.00 \$ 269.00 PATRIOT 250MBG (Model: PAT-TBU 250) \$ 399,00 \$ 369.00

Search Technology Inc. #130-15480 Concessed Flichmend B.C. VW 200 Tat: (804) 273-3682 Sec. (864) 273-3682	Place	Search Technology - #201-07/400 1154 St. 1705 6468 Tec. (AUT) 2511-0714 Tec. (AUT) 2511-0814	Calgory N.E.	Technologies 0993 Halpen 80-Learent, F 945 179 Tei (1514) 35 Fee: (514) 35	14840
Seanix Technology Inc.		UNIVERSI NI CRESTYETEME.		SUBSTITY COMPUTERS	
JAKE COMPLITER	*********	RE-ORFIC EVETTERS INC	-	Surreity, MT	-
CONCRET SYSTEMS COMP	Mar-100-1004	PCS SYSTEMS Various, 80 Springs, 50 Decrees, 50		STRACIAN COMPUTERS	PA
CARDZ COMPUTERS		HELLER COMPATER ET ET	105 Entropy of the	THE THON COMPUTERS	222
For more information perfor	yeur authorized Se	mander attendant	** HURRYY	Other walled only until Septen	mber 30, 1991.



IS THE COMPUTEL PAPER. SEPT '91

SMARTER BUYERS ALWAYS ASK ABOUT How long have you been in business? • Floppy Cleik Drive - Whet Brend? Herd Cleik - Voice Col? How Feet? • Memory chaps ? • p-Bles, etc.

> Would You, or Even Your Computer Supplier

Be Able to Reach the Motherboard Manufacturer? "Kambur" common Sonom



286	386	386	486	486
	SX	DX	ISA	EISA
285-12Mills	3865x-16MHz	396-25 MHz	486-25MHz	486-25MHz
5999-00	\$849.00	\$949.00	\$1,749.00	SCall
286-20 MHz	3865X-22MHz	386-33 MBs	486-33MHz	486-33 Mills
\$649.00	\$859.00	\$1,149,00	\$2,049.00	SCull



	886 DX 8-layer Minthenboard	486 EISA
	386-25 MHz 51,299-00	496-25NBRx E3SA \$3,199 00
3665X-20MHz \$1,049.00	386-33MHz \$1,629.00	496-33MHz EDSA \$3,799-90

All over Tenerrality Metharboard Will Clear Out 42 the Mandaches Some . SYSTEM HANG-UP due to had connection with low quality switchion, etc. · REGISTER LEVEL INCOMPATIBILITY due to leck of direct tech, expect from

· STRUCK FREEZE due to overheeling ofter long running time

Detailed Technical Spec Brochures HIRTHROMANNETTIC INTERFACE due to too dense electronic transe on-board. Performance Index Compared to Named Brands DEFFICILITIES ON EXECUTING NEW SOFTWARE PROGRAMS down to the evaluables of updated technical support from motherboard menufacturer

WHY SHOULD YOU BUY FROM CCS?

• 5 2045 Propy Clei Orke · 405/E/28nú revotes * 158s 1 1 Detroler + LCI Distri # 50° TTI Jordan Modern Referred 100 Kestoord The Statement Committee Upgreding Aveileble

All Alteres Systems include: + "Billing DMM complete

& End-users' Reference Available

The Best "Price to Performance" Batic and - Professional After Sale Technical Service -

Computer and Communication Systems Ltd. 1235-1237 Nanaimo St. Vancouver V5L 4T5 Ph: 251-3588 FAX: 251-5125

ColourPowerl Full colour printing Full celeur scanning Images an in 11 a 17 Distract up to 10 A 17 Paper or transperencies

Continuous tone colour, net Postscript dithered halftenes

OCS Technologies Corp., a leader in Image Belatune Technolog in placed to measure that its Colourboveri briage phicosists centre in new open to the graphics lefteatry and the public. OCS Technologies Corp.

7011 Elmbridge Way, Richmond, B.C. Tel.: 273-8045 Fax 273-030 Fax 273-0301

InfoSpec Systems Inc. Business Storm - Marries to Philips Store to Store

Printer Specials

86SX-16MHz Pagition Day Moone Systems

Color

S SEC Ann. I'm Any. \$1.000 S TOTAL THE REAL PROPERTY AND REAL PROPERTY. of Lifety has been as the

CHARGE BY 128

Raver

WordPerfee

Software

lens,

\$799

Hot. Hot. Deals ! Married Woman, or other Designation of the last of the

EWALES.

Microst Neue and

91.399 I

Barres Fox Harrison

980 member Delor spewring medico

New Version Of

According to the common the new

New roldstone to the Coast Blazza

eranters capabilities, printing capabili-

cates market make the constitute of

The report water made will be Portable Power

C) Show reads it in A State of the Language Street

MALESTAN MATTER TRANSPORT

NAME AND ADDRESS OF THE OWNER, TH

FUITSU MNOVELL

Determen & sersumos Networking

Maria Salar

Great Plains (NE)-Gynt Flams sattlement the release of a new rev-The software company has also analytic to matternooder. Projection

the same of management arrangement

they there as well they additional

increase in combiner is the increased

Cornery New York Great Plains Software Tot

Caera Intros OmniFage 3.0 and Typist Scanner

Creeks institute somet for the

200-25000 200-22000s



Statement and two pro- pro

Sale 41-414 \$1,725

***** 00108 SY

Mildenry AMI for Dire El Jury AMI Repy

Paving High Prices for Your Computer System May Be Hazardous to

your Wealth Lonicom® 80236 AT

Till there and landered. 174 Estimated Parketed

a 195 Marrie

Sale 01,148 5540 · Hy Self New & Replacement Computer Parts

UNIVERSAL TECHNOLOGY INC. Where The Price Is Right!!

2211 Commercial Dr., Vancouver, B.C. ar felt for (Close to Shorotta & Velocie Branck) Ph.: (604) 255-9898 Fax: (604) 255-9838

to the company Monanda 68020- or 65050-based Mar-OrnaPage 30 is compablic with reson and includes built-in

into OmaFege According to Core,

OnneiDreft, which was also revenuely cely weilable in an add-on product. The software siless for the recognition The Apple Mac's System 7.9 Youkind silewing for enhanced storage and

su CW (control processor smit) speed. The soft secc cut sise read 11 European losgraphes from test and numbers hold Monomody-companies account that combines optical character recognition

According to the company, it is the the shifter to odd both test and even ente unero. la eddece as OCR hasmaye offeng softenes called the white her set or continuous-tone mages with up to 256 shades of gray Court Plan Graphers receives an Omnifrage 5.0 will man on non-

Apple Mac Classic or shore, 4MS of EAM and a hardelph drier. It will open CIL:

Ress Moines, a convolues with Middle Manufactahard recy

with at front thill of SAM, a bard date with at least shift of sundahia space, and Analobs unmediately, the engressed retail poor of \$605 and sail be resideble

Pepiet and Typut & I for the Mac whereby they can recover a sufarare surrender Special and Miles Come Come 400 (8th 100) ronto Firm Puts Children's Books in Multimadia form

TOBONCIO ONTARRO ALIG P DWD-Dieta Reprodutes Research in offering a series of children's books to

The metaphor of a book is preserved e the computer acrees, and Rathard development Each across looks his a Page. To now the page, the sacr clade will the server on the corner. The Mac's bullen melo capolidates provide o reading of the test while it is charloom!

see a definition. Sember explosorpousble, at priors from US\$75 to US\$99 But form possibilities go beyond that "What we have developed here as a

INTRA **EXPANDING YOUR PORTABLE CHOICES**

INTRA" LT-3865X Louton | INTRA" NR-2065 Notebook - 15.5 (0.4)

- Al-No May Hard Driver

OCAL DEALER or CALL 872-1136

For More Details

3729 MAIN ST., VANCOL

development, though the business may Setting Some Frequency or Status Well Setting Street Setting Security Secur Andest Designs Pocket Modern For Atari Portfolio MILTON BONGS, ENGLAND, TOL

The modes, which supports NG

Enoded with the hardway is a copy consistons, in well in Kernea, X-Modeus competer supplier such as ECF, we can consulting on applementation said portable nature of the product," Tony Sellers

"The development of the Pocket etact Ander Connucional To own.

CARAMER BUSES Vancouver Exchange Sells System In Mayion VANCOUNTS BC ADD IS NOT The Vercouver Steek Enchange (VSE)

Feter Bolden, DEP's co-frander, such

god sock trading system to the ings closely so the wake of the VSE's The Vancouver Stock Exchange,

office counterpart, while retouring a with Lotus® *Logg 12.5 Enlages 2.5

HP 951.X

Palmtop PC

Great Priced Call Today

D HEMLET Survey Equipment

2751 Manler Street Rumety, R.C. Phone: 222-5724

ON-TRACK

COMPUTER TRAINING Formerly "Rossi, DeGroot & Associates" · Quality Southertons · Premium Course your E SCHEDULE

* PC, KMX & Network Trighting * Custom Programming mi

Expelifier Windows

SATIMONY SESSIONS September 7, 56 Located at 650 W. Georgia (Scotia Tower)

October 6 36

CLASSES

Save on LASER SERVICES INC. Canada's Leading Toner Car. REMANUFACTURED TONER CARTRIDGES 100% Gueranteed 6 Recycles Gueranteed with New Drum

Free Pickup and Delivery

LARGE PRINTER SALES No. 40 REPORTED SERVICING ... CONSUMABLES

INTRA

386SX

Provon Religible

NoteBook

Computer

26 THE COMPLETE BARRS SEE NO.

At S01, we don't just Say It, we Put It on Paper.

Call 68-LASER 685-2737 289 West 6th Ave. Vancouver 6 C. VKY 1N3

Bus: 685-2737 Fax: 674-2737 YOUR BEST PORTABLE CHOICE

oung hughree and solvery roles as

and HM. These parties and the Contact Direct Learnin, Vennouvy Starts Subjurce 600-605 2004, Sarphi-con-service

Joint Venture Tackies Systems Management in B.C. VANCOUNTED BY AFTOUR OVER

CAMADIAN NEWS B COMMODUS

Commodore Eernings Spar NEW YORK, NEW YORK, AND 14

(NR)-Bucking the recent computer

extraordistry stems of 1/8857 6 station

An extraordisary charge of USES 2

miles having to do with unferment of

second fames down to US\$46.2 million

Gould. Commodors's chairman and

Cortace Ton Staplant Committee Carada. World Of Commodore Show

Amun enhibeton held in Swiney her

semant see heavy ever-oriended."

As seed as easing bond. Assertation year-

for the CDTV mean. These mayor

on to full experiencing complete with

Breaks Records SWINEY, AUSTRALIA, JUL 2.

unheliesobe."

1795917 5 million to USE 947,7 milleon Associated the reads, long

Diki 5 milion bet you

busens in revole roless researches details of the deal with Rooms.

Computer Corporation. Place call for as Westwaler, account in Much as a

International SumpTech Marcelost

is lakely to happen by the most of August. Contact Masser Killbrok, 8°C. Tol. 604-433-2011, Na. 604-633 1,841, Peter Aton, SAnthongo, 411, SQL 5380, Inc. Standard, SML Contact, 618.

MARKIAN, ONTARIO, III. 19 Accounting and Information System

(MASS) software across Canada. The Concord, se eight-year-old comp

The above are organized around the Gerties The Others an will 2 doubtest fac will software to Canadian musecupakines, a on Bud's DPX2 series enterns. Bull off-

GEORGAL.

Protected Site PALO ALTO, CALIFORNIA, AUG 9 Office Who was Collingua has no his toral It just so happens that the hirthtood biscoind budwark," by the Office of Historical Prescontion for the

code and it is the country's largest supoher of hardware and software to Contact Selly de Souse, The Communication Count for Bull 455-4600-9800 is 416-460-9800 Park Knight, Sulf 480 Inhernation Systems, 470-

The Light Way To Success fraging is a sec of the advantage of Expendeble to Desidop, Plus III Double Station Power Sauna Fourure **Bull To Market Municipal** Accounting Internal Modern/Fax Card Stot

Sorting of A 7 Ki periodes, year 2003a minimum computer provides compute computer comments based on Congress At Principles The Light Way To Own MOW N

Supposed Rated List Brings after from only \$2 446 to visit your RETAIL STORE, or our AUTHORIZED RESELLED or call (654) 671-7709

Authorized Fendany COMPUAGE . OMNINET

DYPETST CAME



THE SHOW THE TOTAL

Eather mart these, of this himpators onecondu at conict not only change the





ECH COMPUTERS

MEWSBYTES and such landmark The recovered insulmark desirention is the 10004; for

> 389Z CAMBIE STREET UANCOUVER, USZ 209 TEL:877-1812 FAX:321-6238 WHOLESALE PRICE DIRECT TO DEDUCED VOI QUALITY AND SERVICE

> > SYSTEM PACKAGES THE THE RESTREET OF THE PARTY OF -----

TRAINING # LEASING

28600-25/80

REPAIR SPECIAL -

MONTHEN

186DX-48 286DX-33

Des placement of the plaque knoor-

Philippe Kahn Speaks On Lotus Suit, AT/Fox Suit

> WE CON TRACH YOU HOW TO INSTALL A COMPUTER regues at COMPUTER ACCESSORIES

SERVICE

THE PARTY OF THE PART OF STREET A 100 A 100 20 M 20





▶ Davidson















NEGADAIL WEICHNEN, AUG I 29" 29"

Industry Watching Pulitsu Challenge Of Kilby Patent WOUNDSHOOM, D.C.

worked on shrunking the destroyed ther To complicate things over further,

shift oscillator developed as part of Coape (antidigina) Coapet Ten Next, Door Instrument, 214,615. Where Do Power Problems

point the origin of problems.

50, 1999 and







22 power distorbances at the points of entry, and 150 of the endance sizes. Of four maleredage sendents, all Almost exactly half the voltage may wree

THE COMPLETE NAME STATE OF

Sur and undersolpum crase both entires conduct and physical change, pur sa do eversologas and awyon The National Power Liberatory of establishing a flavorest shirty of poster conditions and is attempting to set digstry standards for the UES or vacuum tempoble power supply softways. 298 Nevadab, WI 14844 (100 316 270) architected has of washings 1976 photoster, are in manage...

Contact of County that, 912-500-1889 or facoltal To Ruy Phillos — Subject to EC Agreement LANDS, TUIL 25 (NE)-Behand to Goal

harsholders and the Afficiant final statute of the deal

NATHER reste being coupled by both coups

> Aldus Tech Support Bulletin Board

punies, DEC has agreed an principle to

Pulips, which supplies companied

equipment to beads and other fearnist

antidations throughout Europe.

5 (NR)-Althu Corporation, dendopor board system ContamerFirst Duley

(CFO), the service will offer support from product specialists, describedable trouble-shooting age, quick-reformer trair and dougn rate. CFO is prosibile countried owners of Abbas ForeHand, PageMober, Personnen and GO w a solesyber service, and silven minophens access to the Aldres

Online Decibes, Online conferences forums and public from no GompuServe. Online Dentrop is the resource used by Aldas technical suppert experts, and appears keywork searches. Subscribers can sho request product information, repeter Aldes traducts, substitle to "Aldes

Inha Archdescop, Aldes disorter of In offering an electronic building board designed for all seem of Aldre prod-

ensumely applemented to order to Salaceters will severe Order the Abbus Information Manager, a

Megaper AIM was end-down moson. dulog beam, morable sendow, but smalshie for both Apple Miscantosh and Salweightens to Onless can be pur

chased andividually or required sup-Contractificative and Color Composer Library service plus. With each plus, users get access to Computerve public forms, and are credited with 12 hours of connect tone

DARIUS PROFESSIONAL ...

EVERYTHING YOU BUY A NOTEBOOK FOR FOR THE POWER

 Zitell in killell hard down - Ample storage capacity Superiors SCO VOA doploy with 16 gary scales

COLUMN CASOLA ME. STATE OF THE PERSON NAMED IN

is Details and an Canada By 100 IEEM Technology by 100 Bit decision America. Barreley - BC - VIS-SCT - Tel. 004-654-1818 - Pag-204-654-1819 -man and technology and technology and an analysis and analysis and an analysis a

V-Com Computer Warehouse 2227 Quebec St., Vancouver, B.C.

BACK TO SCHOOL SALE Guaranteed Best Price!

+Coupling Computer Sensor with Montor, Penter, Kentrani Dala 40M ND, 1 66M FD, 1M EAM, VGA Mouston, Roland Fresher ·Macy other specials*

COM

7 Good Reasons to Visit V-Com. -FEENER SERVICE - We believe in below and after releasuries. We will ARTILARIE QUALITY - Since 1963, 5 pages ago, no bove soid over 15,000 community contents on Chandy, to prevented a change of standard property. WEST SELECTION - We have a variety of products. Computers, secretors. #CONVENENCE - Industry years from 4 mags writer amount Main

Stockery Coping Suprivey Set Assess Qualer St. *CONTONER PARKED. Sam but in more below the other customers.

\$1360-8

• 2 thick and 67 By. • 1-5 MD RAM * 1 44 SED Floory Drive * 25/60 MW Hard Dash

THE COMPLETE PAPER SEPT 191 32



Computers 385 DXXX/1265

MARKET NO. FOR

SYSTEM PACKAGES | 8500 OM NOT LEAN SAFTE UNPARTED HONDORS

385 D0025 \$810

100 10 TO 10 here Only All Irput MC St Muffur III MC At M AND AL IONOMI

Section the organics of international form on Manual

MODEL & DIS

SERVICE what we sell

SLIDES FROM YOUR IBM PC OR MACINTOSH

32 THE COMPLTER PAPER SEPT '91

FINALLY a super high resolution GENIGRAPHICS service bureau specializing in POWERPOWT and many other

EN CONPATIBLE PARTADO COACABO

- LOTUS FREELANCE - CORD FRANC - 75NOSEAFHICS - NINDOWS - AND MANY MOSE! -

Full colour stides, overheads, and hardcopy, 24 for turnsround. plus custom design and production, 2000 line resolution,

Value Presentations Inc. 286-1390 Surrand Street, Vancouser VEZ 315 1904) 682-4606 FAX (164) 682-6752

- 0000011010700

Your FIRST choice for:

- · Consulting
- · Project Management
- · Cabling · Training

1 800 665 2347

- · Network Support
- · Hardware Maintenance · System and Supply Sales

FIRST ONLINE SUPPORT SERVICES INC. 605 B15 Hamby Street Vancouver B.C. V62:2EB Tel 669,3661 Fay 669,3446

The Corporate Laboury subscription

Sw 1200 or 2400 lead use. Compliant

- CRICKET PRESENTS

Bred Service of Alder trid Nogebress

The subscription over the Order as



WASHINGTON, DC. AUG 6 (200)-The IBM PC hund on the lead 5056

amportant contribution IEM made to

and saked if this you the beginning of





"We wint to be your time chance for Novell, Usin, or Xonn network



BOSTON, July 26 —The original ISM Priving Computer is besided toward the end of the lose. After ten-The PC, originally perced as high as \$4,000 to 1991 at an approduction, has

Grecoon With no more processor closed the week off \$300 at \$550 and

IBM Celebrates PC's 10th Birthday WHITE PLAINS, NEW YORK, AUG

The striement said, "USA began

bridge, was given 12 months to com-

These changes enabled them to ether hardware product as IEM's hote-

"The 200 PC was astroduced to the The debets draw offered 160 kilobytes (SS) of storage, the equivalent of about 50 single-specid, typewritten color deglar adapter and 2004 Ded.

PC 10th Anniversary-Borland's Kahn Expounds attraction of the 20th present commater (PC) that the imbandanced

Live, whose company is a leader in

The solvent busines is going to extremely high performance. Object-



795000065



And that's how notice setting the pace for taking care of business in

CALL US TODAY FOR YOUR NEAREST CO.

THE COMMUNICAL MARKS. MIRT NO. THE PERSON NAMED IN Econ and he see his company Bodond's product her curren from on emphis-minimum res includes Paradon, Quatro Pre Data Interchange Systems and Conversions a by With software, we figure that we Operated by local specialists in data conversion for over Manul To Keynote Canada's five years DHS-C offers the brest in conversion systems. Setcon Conference TOBONTO, ONTARIO, AUG II (NE)-jue Mousi, president and chief marrialise officer of Legic Development. For the best quality in data conversion services, D-I-5-C will be the housets combined New York coerates the Knuword 8000 Sustrim with the capacity to convert and re-formar data from over 100 system. dec/tage formats, eliminating re-keying of documental for show organisms the first to market with a product is will be Magai's fine most relderen m Send us a source disc for your free test conversion to sample our quality! specialished muchat your after our too NetCon will be held in the Automotive Funktion at the Canadian DH-S-Calko offers Optical Scanning (DCR) Senaces with National Exhibition Grounds About 00 estitutors, including Apple Omre-Ford Recognition that scans hard copy manuscripts The mane has been true for and converts the contents into a word-processor discifile. denime management subsect and Nosell and Beaper, how signed up. D-I-S-C conversion services. establishes a very special relationship with your continues. He said. Contact: 27 McMobur, Flori (EC-0502) ber 5'0-007-6423 will save your firm money and time Seybold Pub. Seminar Call Shed McKinley or Irm Reich for details and noces. Slated For October That strange seems to have perferd BAN BOSE, CALIFORNIA, RJL 15 D . I . S . C Burked provided profits for the first O'El-Serbeid Semmer of Makin Suite 310 - 611 Alexander Street Colifornia has promouved in such as belong conference, the 1951 Seeleck Phone: 804-251-3036 or Fax: 251-3046 the same period of 1961, Last marter of Computer Publishing Conference and Exposition, is to be held as fee lose of \$10 million and a get accome of yest the Sun Spec Connection Connec



Notebook 386SX

Portable Word Processor 220,000 Words For Scoonen Word Finder

FD.3500

District Serv

Osofice Predacts Freez Japan CBM Committee

362/6

chains, Serbold and

578, Makies, CA 90207, selephone

Getes Profile in September WASHINGTON D.C. AUG 12 September Flighty Magazini profile of NO Cones, "Sult long," that me a recent "Motorcine Diology of the Gene" rather

bis then past a sign of satelligence New CD-ROM Discs

Make The Top Ten WESSENGTON, B-C, AUG 15

leter and publisher of CD-BOM hard-

World Adan," Touchopsede, Nemanis' (1935), and

per Burgs of Electronic Publishers. Contact: Larry Strillar Sumus of Contracts National Sci 455-2750 or lar 201-858-2676

Vindows Package

ACC 15 (NS)-Marrowed which is

age lets were wardly incorporate

New Maximizer Lite

The Right

486-SX

1 218b & 1 494b Propy Drive nadedi \$2486

AT HOME

ET. 27 (NS)-Roping to appeal to the



DISCOVERY PARKS

THE COMMITTEE CAMER SERVICE OF

Legtupe and notebooks without

VITH THE

Furnished Incubator Offices for High Tech.

THE COMPUTER PAPER



Do you know who's calling

when your phone rings? The Call Identifier® has the answer!

See who's calling before you answer. No nation who it is your notion, your bow, a fitted, or even a total strawer-Call Macrifico. day flar triodoss samben leibn vos mover. And, whether who sower or set. Citi

MEGATRONICS

3243 Mein St. at 16th, Vencouver, B.C. V5V 3M6 Tel: (604) 876-8855 Fax: (604) 875-8779

review. He continue not undated pickage, we As sud. Also, the spelling

reserves to sell for CESS, with a per-

SESSENTES

Santact Car von Av, Promeno Technologies & Serbano (SECHLOS) In CSECHLOSS First-hand Look At New Hydra Card

TRUST to see feet hand as IEM personal

Once the PC was powered on, the Yery quickly then, the familiar

attention of the color republics of Macantath Newbetts was able to lend a

Phone-in orders dised prices are cash on Please add 2% on charge accounts We ship collect by U.P.S.

Novell starter kits Ethernet NE 1000 \$140,00 I ANtastic starter kits ALL SYSTEMS INCLUDE:

ASMS Water and Gallery MC

1.1 ES havilleen Covinder

1.2 or 1 44MB Tase Floggy Drive

4210 - 2288 No. 5 Soud Birbmond B.C. VEY 2T1 Tel. (804) 279-8867 Fax (604) 279-5510 Manufact: 10:00 am - 5:00 am Sunday Closed

SYSTEMS WITH-SHEEK HEARIZ VLSS, AND SHOS \$550.00 SEREX 25MHZ Oct. AMI SIOS \$1005.00 SECOX-SSMPZ Etta, 64Koch \$1155.00

4945X-20M-2 Movemer 64Kort 466DX-33MHZ Gegebyte, 250Kpd Date team Jakeur

clarade FS-10 have controller...... MOC 2015 her circles B5-re All the DATE OF THE PARTY. SNOC 200 have certains...

Day 1941 of records John, 104/16 . \$60 Chippe Im SAN ___PS

\$1455.00

STATE VOIL FOLL methods AND OT JUST TO SPECIAL OF THE MONTH

sice/regarace addies leverts for comyou like not providing the reading rehoology for a range of customers. whole new world of define view ar powers apparation for the tower. grams within a corporation, or for sealtifrequency and VGA version. It is both dignal and sealing conversion **Autodesk Animator Pro** For Multimedia DED-detodesk is slupping its new 119-Channel TV Annualis Pro referent carbons a teo-Add-on Roard Opalises says on Opalists persons does pad that with flow types of com-TORONTO, ONTARIO, AUG 4 SDEEL, with 4 168 revenues preside. (NE)-Allier Technology has and \$60 or compatible computers Windows Image. The board at combin of receiving Audio Compression CANOCA PARK CALBVIENIA that enables the addition of reason or ke for congruencing a Notocola digital OCUSTRONICS & CO. 21-65-1471 No. 5 -16, Ridwood, 4-5, VSV125 Fex. (104) 179-5183 Phone (804) 273-5019 MATERIAL MATERIAL SECTION AND ADDRESS OF THE PARTY NAMED IN COLUMN TWO PARTY NAMED IN COLUMN TWI CANAD STREET sar PG-0001, RG-0000-, Rs-0001, RS-6001 807 TOTAL BUTCH ---STATE STATE --

MENTEK

"A commitment to success"

Price competition is driving many PC suppliers to not corners by using chean, noor quality components. or eliminating parity checking RAM chips... MENTEK refuses to follow, because we do believe you will understand that cheapest price is not

necessary the best to buy. If you are confused or unhange with your current consiter, please feel free to call us and find out why MENTEX computers are so widely accroted by Covernment offices, big corporations and educational institutions. Our friendly Sales Representatives will be

pleased to serve you. Strongly merching into the Third year of operation in Canado: We would like to express our appreciation to all customers for their continuing support.

Oversea Distributors & Bealers are Welcome!

Thomk you. WHY

. Tele maley CONTROL with configure · Steady and consistent product rapply MENTER? . Fast delivery





· Good quality and true rated components



MENTER SYSTEMS CORPORATION 343-15966 Cambia Road Bighmand, B.C. WKV 2E4 Tel: (804) 276-8533 PAX: (804) 276-2992 Alberta: (403) 435-4229

Jamdolt a perhaps most lauven for

Assume the sends for \$700, the Certain Californ Droop, Actobris, Tel & SARST. SECT. Page (2000) 2000.

Microsoft Acquires X86

Software Emulation Rights REDSOND, WESTERGTON AND 3 (3)-Merced he resoured

Insgrain Salasines markets SciCC software to man on non-0006 based euclines Macritals, Clore, and STABGERSON WITHOUT MY ANABOLIS

Asked shout the specific artest of Microell's requestos of the casalvace a sodenevni je Microsoft mid Newberto that the com-

me, not for a specific purpose at the Assertancing the deal, her Shore, software consistent will be the most accretions for ancherology." Steen Balleton, Marriand assess VP of

customer agentment in MS-DCS and Impost, herdquartered in Hgi Mycoshe, Eurhard, pursiess 130 and

part, which was framed in 1986, you lo 1990, Inaccia Solutiona reported at more, anagona on Certail in Johan, Mariest, 256-90 8080 or Year Granbies Board Makes

15 (NS)—Acta: has removaced its new Tiger 10 sides graphics adapter (VCA) The excepter chins that the new boards double the speed of rouging Microsoft Wardows while increases the

The Tigor 19 displays up to \$14 colmegshern (MRS2), the company chia

aution with technology from Trans The new card offices combined a from 660 v 660 data per such (DPT) to 1 500 v 1,006 DCT For higher quelity images Actin sold that the Tigor 10 can generato produton of 1 560 v 56 nonatrocoint, producing a couper, more realis-

JetRam[®]

JetRam store non higher resolution graphics to UPGRADABLES

ComStar Distributors

terrumany rise and rabban raide Rend paying ranger from \$100 av-\$600 depending on the capabilities of Contact Tol. System, Acres, Tel., 408-989-1525, See 408-1501, See Norton Deskton For Windows

PCX. IMF. GH and TH. the course

All Models Festure:

Files officerd before 10.000 bypyroklass griff Et Land Alex (Dog.) ()

When rotes

TO EPHRADE IN SUPER VIA MA \$280

image.

3 (WK)....Supercoase has autocorrect the has begun shipping Lauget Manager for storing any

not after the lock or feet of Windows.

The Nortce Dedong for Washing 408 Dunkov St., Vancouves

Acadims of read Tel. 251-3309 System Sales: Special Price & Special Service

Sopolal tem

Have your leser printers been cleaned

within the last 12 months?

TRY

SHAREWARE Utilities • Education • Graphics

Fax: 272-8476

Business & Accounting Comec. etc.

MINITRONICS

596-13/PG29-00 3965X-16/\$469.00

SCHOOL

10 years experience

5 technicions on site Not only hardware

but also networking 1986 Kinesway

Vancaner B.C. VEN 28

T.J: 872-3225 Fax: 872-7061

Marie La Comple Backet 1917 AA Name of the last of the san house great year.

BC Cellular

* Motorola Spoos Motorola Talkman Motorola PT 500

Panmonic KX-P90 Sase hundreds of dollars

Motorola PT 880 · One abone line for fax, obser & convertes marking

1445 West Boundary, Voncourse, R.C. V6R 186

736-4488

product remaining his great or post-sensorably. The product response an George from Franker, Symmetry, Tal. 406-946.

Borland Shows Off New **Functions In Windows**

WW ... Monobetos got a speak pordene

Xahn ished about the superinger concessor will be to the address

between applications, but Kehn said Kolus demonstrated a part of Oliger

an edicity a new could receive Washing and modify executable film sideout has General room.

Containership is morther concep Window products but to when a plan

Microsoft Mouse \$95

Modems \$65 Memory \$650 Based on IMB SIMM Modules Above Systemy Include: * 1.2MB Repay Drive IMP PAM a Fighterest Keyboard

· Parallel, Serial, Game Ports a Deckton Cost with Proper Sample



Tel: (604) 278-5151 Not 118-11120 Verseer Was

Schmand R.P. NOV 280



The computer that has **EVERYTHING** for only

BACK TO SCHOOL SPECIAL!

LIMITED QUANTITY as easy to use as a Macintosh* more powerful than the IRM PS/11

Comes with preservoir propercy which over ease of use and frameliness Computer never before found on Floory Drives IfM compatibles Mouse S. Modeon Writing desiston publish VGA Colour

Inc. drawing modern and Sollvare information management SALE PRICE

On-Site Warranty Crosscountry

Laver PAL 286

=CANADA

DOM: OUT OF

prayin the world," he said. Windows is the strategy we are embud-

Frek version of Charters Fro 50 along that date is eligible to appead to Additionally, the company sept that condition to uncomede to the Workson way. mon for the next DOS services on

welchede mics at Berland, said. "To operate renion at a simultant see-The company assumes that can

Aspene who purchase a full retail sprade, compenine apprade or LAS

MEWSBYTES

Mindows. This is despite the fact that

quells to Window," he said, adding

DEM, he said, has not made it clear

Macrosoft is hoping to here OU/2 men one to the Window environment

50 This has resulted in a considerable

1992 retone Verson 51, mescretile, or

eshard to be more somilie on these

ing 85584 and EDC marroprocessors.

Buttonware's PC-File 6.0

(NE)-dutte Mee has released PCFrie

Button Ware man the program is easi

become studeble, conferming the spe-The premotes will be applicable cale on Windows or DOS applicable one busing the \$465 retail record of Queltro Pay 3.0 or the \$790 weeks of

Microsoft IIV Because Stene For OS/2 And Windows LONDON, ENGLAND, Bil. 29 INE-Microsoft is actively encouraging Montes expressed dente de fue developing CR/2 VI 0 for IRM. As the

Section, Microsoft UK's coveraging director, "There is a lot of FUD Hear. sportsests and doubt out there Seer Ballour has been down the

program is not smalleble to shorehow Securon said that UK, sales of the curber remions were SCORE ON SHAPE STREET, BUTCHERS, 205-654 Marcoult adhore are ridore back.

HP Intellifont For Windows-Free

for m 107 ft customer by 8th

been redesigned to add ps@-down

use of a mouse. Help acrees have been expended to other more to send

GREELLY, COLORADO, STL 16



A president of the second property over

Intelligentia Modern XO Carry on

densing for an HP available tracker

referrer comes with matching arress feats for the CD Times and University from that come with the HP Lancjut III, HIS TIP or HIS course. The sandon STales (SM consolible con

liams can also expect problems with

You Pay Your Money and HI-TEK You Take Your Chance ster Configurations & Upgrades AMARD WINNING For a completing introduce - 100 600-30s - - 1000 Only VIA _ 200 _ 20 Super VIA _ 200 mouterized Accounting Monthly Training Workshop System Module Setup FREE dy control in the same given FREE Seminar reesoneble prices FREE Tourne October 24, 1991 November 21, 1991 manufactured words. Random choose offices presidentering quelets to Authorized Master Dealer because their new computer cost them thermore of dollars and is very built Miles this most others, processes waster control. seck that it must be infoliable. This is TIL Management Systems, Inc. #115-7255 No.5 Road Tel (604) 278-5179 Fax (604) 278-5119 different manufacturers The Last Shall be First Defects to a new computer rener ore likely to coop up acceptance. This is Hot Notebooks! Lowest Prices! systems are the lowest procedcomputer newces who are gradually NEC UltraLine" on year in their policies on osably con-Defects are not so kkely or fortunal manufacture that owner components per almost all road and very unlikely to takes tame for the tenting nerves to get er the mellipschops that defects come - Seeining Printmanu 200000 2000000 renn-apple manufactures produce processed from sell them these All property (Keep Dates HALL Noticed 1000aca /eclude: Quality Control Level at a Component PC System Tell Merchanica Waters - Zout Marrefre SEET Neetwa 6048 *Toll-Over After-Sole Support 55 Order Now The state of the s 534,6441 Scorie, ISS Plas ... Canada Portable Computer

THE COMMERCE NAMED SERVING AS



COMPUAGE

CATT BACK COMON BEACH

RT COMPUAGE

286 -12 MHz - 285-12 MIL-- 1Mb Ram - 1.7 Mb Hoppy - AT I/O, IF/IS/IG

That is, one close as memory well full whole within unminute Dame that that bidy of a "success", a considerative

"Reduct" is when morethme over

"Success" as when things go night.

rate a tremberrate some of terration Things will go right some of the time,

& Pales Pairt. puter componence should be salidfilde

A remaining expressed to a percent "You like Statistics? VECHILL

study simplies. I was exceeding her on a well second the second on any first with revised the second dete. I didn't get a second.

\$562 BETTER !! 386 -25 MHz

- 586-25 MHz DX - 2 Mb Ram - 1.2 Mb Hoppy ~ 1.2 Mb Hoppy - 40 Mb Hard Drive ~ VGA Color Morrison \$ 1450 Stand Min Seiger. 386 -16 MHz Mile SV 1 Mb Rare - 1.3 Mb Floggy - AT 1/O, 18/1P/1G CAST WILLIAM

386 -33 MHz 386.35 Mbr DX 2 Mb Ram - 2 Mb Ram - 1.2 Mb Flopp - 45 Mb Hard Drive - VGA Color Monitor 1650 min for me !!

Let's face it parents, in todays world most everything is related to the computer. Give your child an advantage and a head start, at school or out in the real world. Come into Compuse and we'll guide them to the future

RUMBARD REALISH Tel: (604) 236-8408

Tel: (604) 435-7067

LONSDALE BRANCH Tel: (600) 988-9823

24-Hour DOS Support and PC-DOS* version 53

46 THE COMPUTER PAPER SEPT '91

Available whenever books Botelbated in Connda by Macwillan Connda.

Authorized

TROUBLE WITH DATA ENTRY?

SCHOOLS in 1,000 System and 19,000 from slow at speak up to

Street.
Oder profes locals Entrody Form, Lores, and wastenander.

ENTORNAL SOUTHWARE STREET

COLOUR SCANNISCENT SCALE

LET US HELP YOU Through our SCANNING amount on will assent your written in-

defective, and a 19% fature index.

(00%)*/00%)*/00%/ -0 05*0 05*0 00 -0.80-69% There is no 60% contrability of no.

AUTO TOP POWERON

loss life forests. The new years to sell

Start by theating of a single comnew make occurs maded with a failure under of 5%, it has a \$5% prob-

Now let's add to it smother comput-55 is we began to build our whole material we calculate the modelable of In the probability of the majors.

potacro. As components see added, she slipping in the spaces gets more com-

The Best of Times The Worst of Times New we can construct bost and

The best-case scenario is that all the component we manufactured to a fature under of 15. If we say the year-

the lower last on the "Faleys Index" The wantone measure is that the

The Cure The component themselve have

name ever a feature under of \$4%, a her

esponentially as the number of commo-

computer system that the quality con-Thorough resting by the dealer rate

outline book you sed I Companies with morning part

Dealers who see equipment ther

oughly before passing it on to a boyer

BOASE-EX FERRING TANKS Townson

* Harbert DataTrain Mose Pology \$139 VIA Poles SCA GMB Dates _____ \$229 Master 5(642---- \$417 51299

* Dokuy Publishing

SOM MASTER

 The Plane Support
 The Yor Mandeman's
 The Plane Call 210-3436 for skillfood workers or an exertatores. (For 733-2293)

275,2660

* Mag 15M Den Transier

For those who leves what it meson



AN THE COMMUTES DANS **OmniPage** Professional

mburt Omnifuga Perlamandi 3,9 lererbarture: CASRI Cog., 190 Conguer Court, in Caran. CASRISI, 1600005-7000. Print STEE (untherwrote) between Canon, Box, 19 Lightersed Marriel Minimal Apraisation, Box, 19 Lightersed Marriel Minimal Apraisation, Suit Steel, St ambout winters or said sorth its unable on

What I send two years ago stall What I would two years ago stall would Readers of The Contains Pene renewed four different OCA software packages. Our reactioners was that Oracleur for the Marsonia use to fur

ment Brand on the The secret is yet If saything activise we have seen in that. And the prosition populat is of extremely kind

Carn/Page resegues had by identifying had blocks on anaerond page How does OCR work?

Ideally. Optical character

The problem with reading test is that

100 DE 100 Other Perfections can advantagely save test

challenges the OCE suffrage to perform different types of turks. More magnifulnesses of OCR androses To currowers the problem of

meding a softence product which reads

are shapped with the product, If the sext your office made is not contributed as the



Incredibly Priced Computers Integrated Proven Components Immensely Powerful Capabilities Instantly Perfectly Compatible Infinitely Possible Calculations Impressive Premium Craftsmanship Improved Performance Circuits Inevitably Pleased Customers Increasingly Popular Choice



Intelligent Personal Computers



COMPUTER SWAP-MEET



For More Information Call 531-0829

SATURDAY SEPT 21 10 AM - 4 PM

AcPherson Convention Centre 325 MacPherson Ave., Burnaby, B.C.

accuracy auto of between 60 to 96%. Describure read rest about sandhine we netalling and Daing OmniPege OmesPage Foofestional recurrent comband. Better per Oncellage crains

ener from Omnithur, a proprerrogen-

from monassured test Oferm a

processing board along with the softwee The prior of this board show (about \$2000) makes it worthwhile to get a 396 computer lanteling bestillstage is performed through Wandown Select a directory for

representer or door wheel prenter) to do

couplifie to a selected heard dish section

In its complete form, manning with Omnifuge is very straightforward. II for laugh. When you come buch ande, simply though the settings

Omniffuge is the best OCE softwee OmniPage supports 60 different tex formats from of ATE through Letter Life filter, though 11 does unclude a Rich Text Formut filter which can be

Windows 3.5 should remove a recorder cale of 1 to 6. The peoplet performance receives I ster while the

Nation Road is a trainer and considers add feedbalance in large land, on Ottoma house addition case they have







BUYER'S GUIDE



A typical micro-computer is not a "MAGIC BOX", just configured by some name brand pre-built devices, as:



Check the computer form inside out, part by part as long as they're the same model/brend, wary spend MUCH MORE



WITY SPEND MUCH MORE for just a funcion name plateon the front panel of the computer case?!

Don't let the fency name plate fool you, make your decision and

289/12 M-Rx AT 50650/1Mer Seguing System System System System System \$3599 \$239 \$239

360X73MHz 4643A/29MHz System \$1129 \$1729

* ALL SYSTEMS	
-1165 PAN (expured to	
-49 MIX20m5 w/15-bit	
-Enhanced 101-Key K	

(1.5565-25" or 1.44949.5")	
0-pin printer	

MS E Vor I \$79	5.0	
LAP	TOPS	
ote		







#3, 111 West Broadway, Vancouver, B.C. V5Y 1P4





Managari Manadasharar Hissolo (HSC) Canada Inc., (CNA) Camputado Road, Minimanga, Gerario (SN Inti-877-4565 connects (Macrotroly Dilader 17597) and connects Diladed 170037D; services water equipment. The drive comes with

Merbe et's test us, but the product

eyer, tre, nithough no meternal

latitude, we were amazed as the

Festest Drive Conservatively rated as 550pm, the Hench's access speed is faster than that

one must push a straightened paper However, we soon began to notice a Admined's, or deliberate burger (ovviewed in our lane 1991 anne) had that no other CD player we've brakes

> sees the drive back to Houcks company sent performed identically Manistrals (running on other PITS or

probed into the site with your finger, Gratinual on page 65

Production:

Medem

• MSWord, Excel World Perfect, ASCII to or from either platform. Image & OCR Scanning . LO To 300 six colour black & white or gray scale.

888.8732

400.4010 688-8721

44 Blood Alley Square Gastown VSS 107 The Five

Secrets of Power Programmin

52 THE COMPLETE NAME SEPT OF

MAZCONY, Marine Computers Committeet North Vagovern, Break Otherha, Carack VIM 18.5

00:00 ***



AMT Technology Corp.

AM Limited Quantity **NEC Prospeed** 12MHz 286 CPU 1.44MB 3.5" Floory Drive 47448 Herd Drive Modern Expansion Slot VSA LCD Diggley

1,48500 Tel: (904) 731-7880 Fav: (604) 731-7544

to receive a in authority to see the pro-

GET MORE THAN WHAT YOU PAY FOR ~ QUALITY & SERVICES SPECIAL!

95
\$7
585
\$115





386 DX/40, 64K cache \$1295 4868 X/20 486DX/33 \$1995 . 8K int. and 128K ext. cache . Medium size tower case

\$1195 April 10 States Married ...

NOVELL NETWORKING . LOTUS . WORDPERFECT . MICROSOFT . EPSON . PAGEMAKER ALL SYSTEMS WITH STANDARD 2 YEARS LABOUR AND ONE YEAR PARTS WARRANTY

101-1926 West Broadway, Vancouver, B.C. V&J 122 Tel: (ADA) 730-0438

Systems Feature 286-16 · Inth KAM on Breed * 1 DAME & RO' FROMOV DAME DOWN # 1 Add 3 St Player This Date * 6040 Puller Speed Drive (3 Vr. Mourophil)

 EX Not Adopte with PED-Controler 14° TTL Monochrome Mangor · Dekker Own with UED Speed Display

Salara WEA Cord with SMI & Tables VGA, Cort with 1943 is ACC CAMAD 14 5950 Color Markes 2010cm 200cm — 914 Coast with binds is benines 50441 VGA Color Methods 640000 41000 9040 Papha EX Send Tab One 1950 Papha EX Send Ta

Solonia Stamen, 1900 Orgán immere cara como Deborral Porven, 2416 34 ptin Primire CNO opia Solonia Serven, 2418 24 ptin Primire CNO opia Solonia Porven, 19600 Lober Patriller Ol pages 5 ptin primire (1) proper (1) pr

beggs edition and repaire the deman-\$778 different broom

to produce the original dinning; you

\$1808

The sac of CAD for evolutestand or

Mechanical and cital engancers mukt benefit from the precuous

using a certain type of telban (paper) It is helpful to have some

sort of an understanding relationship to drafting before you go out and but mind to chat with the salespeople.

tend a for 2-00 and some and of knyo to key in the length and angle of chronolog tables. (A map a like being a marmetic rount for which was set the nongs of effects

Features

some of the 3-D packages smalable.

CALCON CANADA'S #1 LASER SPECIALIST

PostScript®Laser Printer Just \$159900 At last, low-cost, high performance

ostScript printing! * Cercer later printer, 200 day flages, 200 000 same No. with 120 short opper specution * 35 market & hite tareform would be . 3MB of RAM on board 15MHz 58000 progressor Easy putalistics: Planery PC. XT. 67 or 256, 306, 436 Authoritic Adobe PostSoriet



another). For example, you can per year solds on one loyer, your sandows on accident, and your dissensation on thated and then work in each layer expansely used glot your drawing using a different per thackness for each layer.

* Manageriation common

Editing commands that allow your, extend, stretch erant, etc.
 Scane way of moving around drawing by receiving as or out, y

working on a large complex dending on a small computer momine.

* North/computers (Describly Medi, other, used drawings or symbols) that will be repeatedly heroight sets the

drawing **

• Some year of dissects one years of their is one mean of CAD that still needs were in a dissection with it is dissection with it is dissection. Associately distinct change the dissectioning (which their their changes to the develop) his certificially helpful, but CAD is still yashing for that dissectioning program that makes componer

 Unities such as file and plotting means. You should also be able to trevir DDF files (the most commonly and conversion othly) which allow 1266-geodesed CAD drivings to be composition with other CAD software.
 This list in by we means allowed.

Instance that every CAD package abould a provide and than should be compared a when checking out different notivers.

Low-eard vs. High-entil

CAD withsize is divided into two very grooms groups, high-end and insured. Hash-ead CAD starts as boost \$5000.

of gent up from their These magnetism are quite complete and it promises are quite complete and it promises are quite and it promises and it provides the second properties. Also would yncholed as a "" of solward program and their program and their properties and their program and their properties. Also their properties also their properties and their properties are provided as produced and properties are provided as produced as properties and properties are provided as produced as properties are properties.

solution of an expanse module for whethy view will have in you suited. I you not uncounted an door, some comprosemodeling them. Mily pushings are qualingreasive, especially when you will be a suite of the second second for the second second second second large and second second second and taxing. A fire yours upon a serious GAD were would have cognificed there Low-rist CidD companies wer she netwage to elise mean faulty advisaced. SD packages that, although they cost. So packages that, although they cost looking another than the constant although and CidD, and wave capable of proofeening professional looking another.

Hardware
Randware anothe still also diction which CidD program you still end up which CidD program you still end up

soft work on an incorporation 25% with fields stancing and grave-ole monther. The same could hapk-aid COD systems and the field of the control of the could have been finded by single and the could have been as the could be compared to the could have been as the could be compared to the could have been as the could be compared to the could be the could be compared to the could be could be been as the could be compared to the could be much copporation without which the greeness would samply be not only on the could be compared to the lattice of the could be compared to the proposance of the could be compared to the could be proposed to the could be could be compared to the could be compare

pring team, which impily shows the provision and color of a profile fight of the provision and color of a profile fight of the provision and color of a profile fight of the second processing, a color of manuscraft processing, and the provision of the provision

ne will seed unite mit if out, or, usually a petrier, although y printing companies in to die a plotding service if you co die plotding service if you die plotding service if he also be on means a complete probamient neutro of GAD but helight in home some auns of extra yilling of CAD and metaboling of CAD and on chair with the indepeople different neutro Cartes their cit sidesents neu a CAI consulting to media similation. Cartes their cit. We're Taking The Town ONLINE!!!

526-3676

Taking the Town ONLINE!!!

526-3676

Taking the Town One of the Town Online!!!

The Town Online of the Town Online!

The Town Online of the T

The second state of the Court of Spice Court of Spi

PASTATURES BASES B

The district Control of the Control of Contr

WOW!
VGA Colour 286

12MHz 286 Personal Computer
 1MS FAM (Expendable)
 12MS 5.25" Floopy Drive
 40MB Fast Access Hard Drive
 Panists / Serial / Garrie Ports
 12M 5.25" Floopy Drive
 12MB Fast Access Hard Drive
 12MB 5.25" Floopy Drive

\$ 1070 00

AMT Technology Corp.

Disk Punchers: The computers are down

ESP Canneton Closs Press

1-800-663-8406

are they safe?



5.5" days, or a Super-Developings, or Marr. was may have wondood what Connector To use a regular disk on an the difference between Dunkle Dream (7264 for FC and 2004 for Mac (1 4000) disks is Most people think

opper left corner, and unitialize it with There is no additional difference + 790k-duk-du

Professional Multimedia

Systems The NEC PC-VCR

Interactive training & education

- Computer based training
- Animation proofing Tape library archiving
- Desktop video & aditing Amort/mail information & advertising systems
- Control 1 to 256 PC-VCR's from one pomputer JVC Computer Imaging Cameras
 - RGB from 400 v440 to 1094v1094



s 729k dails is 500 perstods, whereas the together much many clearly, its residence to demagnetization must be passer disk manufacturers produce their

shake are truly burk density media in

on the Gost try, leavant on wells a services. but humbes hele in the seven place). If not one feebour the how of IRD state Apple E, 5-bit Attest and rotter muchines

Non-Traditional Technology Visual BASIC

The Zen of Being Dapper

Brackwoods Windows 2 on a 286 or

A Tool for the Timid froot of the Programmes's

After reading that soft customing the hoting application shell. To make it

For those expensesed to soother because, the Viliac borrows in ver-

provided a very readable lettra to it.

For the Merely Lazy

To NEWS Herd Dove

CHRSTNASS PRZSS All ayuters purchasers are entitled to enter for a chance

PC

TEL - 1504) 275-8505 FAX (NO.6) 273-9592 **BACK TO SCHOOL SPECIALS** September 1991

PC COMPUTERS LTD.

MARKING HOME FORMER BY DRIVING WEST

Nove All systems include 1MD RAM 1/0 with 5/7/G 3.5"-1.46VB Tear Francy, 40MB

28MM SVGA Design 16" Color

200.12 9665Y-16 905DY.90 30503.25... 386DX-33... 388DX-40 ... 486DX-25 A4L1 2MB 5.25 Tear Finance

.\$1800 Add STE AN IND RIM Seech MEI G70 Add \$140

THE COMPUTED NAMES SEPT 91 57

-61300

\$1365

\$1.067

...81645

To 120MB Hard Dreve Add 850 To VGA-512K Graphic Card...... 2 Years Parts & Labor on of above system

AMI

w/ioMB or 80MB Hard Drive

ersonal Computer : If you demands need to come your flies between offices or between

1445 West Toronburn, Vancourer, B.C. Vill 1866 736-4488



- 40545 East Arrest Heat Oran Parallel / Serral / Game Ports ∀GA Colour Monitor

VGA Colour 386sx

\$ 1070 00

AMT Technology Corp. Tel: (504) 731,-7880 Fax: (554) 731-7844 Encode & Wantered Watchers &C WHI SEC. 20

THE COMPUTER PAPER SCANFAX

Need more authoration? Cult today and sale about nor

KAI MAN Communications Inc. (600) 544-0060

· Computer Aided

GPE 101

Full page Scanning... SCANFAX is summer document contact product which SCASPAX, fell page reasoning was early, recommisses and

> Drafting & Design · Pletting - Digitizing - Symbol Ubraries Autolisa Pregrammina and Softwore Setup

Dectrical - Traffic - Nunicipal - Civil Architectural - Structural - Mechanical Feel, Efficient, Quality Service At Very Recognishie Roles

Outsided believes from an economism products, workers, with makes, key appropriates, with

hered Computer Joke 1991 - Hitlan Israe

othered Computer Jana 1987 - other long recovered 1.54 arysine serious about total constitution in the Address programming devicted express gratum design, order, marked a page of the contract of th

Revolution Devicess Press - 11107 N.E. Ogods IN, Bulle 208, Salesma, WA 18100. DOD AVS-4011 - LANS-MA-COST - PRET SHEPPING Also explicite at Silipproschore, Duthar's and other beginners

SPORTfolio

this like and year uplate analysis at

Deployed by Switchell and Swing-bid-INFOruntee Software Inc. Box 589, 7101C 128th Street Delta, R.C. Voll 145 Available of participating politicary outling and conduct for \$50.5 to

te 206, 10000 157nd Street, Sarray, S.C. 170 ava. Phone (604) 585-2065 Faz (604) 585-2016

mentio (Sciles, sp'r st) Who you think you've got assembling that works. propert, nor \$1 access per your property The con conference TOT produce with Big Boy's Think Twice

may be questionable For enumple, a subject the somewhat, it is possible to

Fools Welcomed For both nevice and expensesed

To really make the produke sing and

your stopes so a Vilear technool. Lake

In the Cockpit

On a habitan mate marriage math VBasic in fig. The splittable Code

defined to the SDK a windows file Microsoft can score a submiciaal ee ap si ellenivenen, particularly nicce

Proper Trips, America?

programming, it is necessary to buy the Est) Although the SDE bucks are emilshie at Bookstores, they refer to

Thanks again HELP Payroll. for even more flexibility without complexity."

HELP Canadian Payroll remains one of Canada's best selling payroll packages with:

An enterrete struit & secrition & Montage

 Multivit to the number of employees. Still Only \$349%

> For more information call HELP Software (604) 435-6268

School Special VGA 20MHz SX OEM from Dalwoo

> 1MB RAW (Expandable) - 1,2MB 5,25" Floory Drive 1 x Perelel / 2 x Serial - On-board VGA Adapter

- DOS 4.01

Tel: (504) 731_7500 Fax: (504) 731-7844

The William States of the Stat

AMT Technology Corp.

POS Systems: a Case History

TCP Way did you mittally consider

control was one of the major deficulties

TCP Now reach trace does it take to

CM. The second PCS nation tribes

TUP: What were the most caldenous problems in retains the OM Ande from the school 2000X 10004; 45MR System

COPRESSED TO THE

ye tried. We had a different one a year from the company we get it from dela't

contigues the system is no cuentism component of a POS puckage. Effect

TCP in retrospect, has the POS

wouldn't be able to do the hand of

ner Savings











CONTROL AGUAGO VIÇA Color Biochion GOM PRICES DOJAC (SCAN) SCAN, SCAN, SCAN, SCAN, ON THE MAC -Freduct home 14.5 MILLION · Suppler Use SERVICE PROPERTY.

POS and

INVENTORY

All this power stays under the

export is suffer the minimum.

Selling Solutions

PHONE 255,3349

Galacter Person Proper Systems THE GLOSSIES

SalesEasy

· Consideration enters & mana-

Linea America Prices

TOTAL TOTAL

Sectoring control for retailers. wholesalers, & manufacturers Meti-serromente pestilidos Frahest & orden size can be esstomated to your moultaments.

· UNDE based

Systems Inc. 431-0551

Sales (Marriery Portion Proposed (Money)

breathy below among these beat

The POINT-OF-SALE package for your small business needs

At last, software that uses your PC as a point-of-sale terminal and a powerful management tool...all in coef POWERFUL SIMPLE · Fell inventory tracking · East ortion · Socretir with cmp. password

* Single one-key means * Fartled payment ability . Easy daily close-out & dynosit · Prints Receipts · Reports: Dely Sales & Code ST Option with full set of reports

New Yerston 3.6 with Cash Drawer Ortion and Small Receipts Is on the shelf at Sener Software, or call your local dealer.

Hands On Computer Services 538-1719 fax 535-9053 Call for Special on Notabooks

A POS Resource Guide

Abacus II Selvery devolver Consol Inc. 200.

Optional costs. Carb drawer, scanner, Demo resides residable/cost coll Statem requirements Story, 640E, 927 Easy Retail Version 3.0

Spatem regulerments: HD 280 or Degree worden available/costs \$15 clus Ber code scenning

tendare, but code label printers & Sales it proposes a salvatas employee

A.M.S. Advanced Management Software

Seftware developer Wardward Software, 275 Chanagan Are R. Protecton B.C. 430-4555 TAX 450 Statem considerates DOS 5.5 or Local shatellosier more to about

Dense mentre eratable (men \$10 farl volume in tends, keeps track of

calculator, are de selo trom dispuberts, depts, such as Ognerous, letters, oil Spring requirements 350, 4400. Same receive explicitly from on

En Seatone 7:00 this han compared Modti Everyse - sales herd office, sinds orice changes and E-Software developer ET! Technologies B.C. WELLEY, 755,0406 Local destribution stage to show

or use, DMR memory and hard done Dense vanies available/cost \$50 with Wiczachoo Key features: Real tame & fully

PC - Sell Seftware densinger Aliance Business Computers, 241-G North Road, Convolum S.C. VIX SVS 456-8655 Local distributor more su above

Deme varsien available/rest: \$10

Demo version smilisble/com Free to features May friendly.

single/melapic user 14+ milion reporate stems, unleasted chant & collect support required, received as World, others between cut to

Profitek-RS Retail Sales Lond distribution same to show

Optional resistance

Switch requirements IEM computable

Software developen T.V.L. Inc. 101 -

Base more Strade 2005, Made \$1,565 Dema rendon andiable/mate Free Real

Sefrence developers Chaire Saltonia

Base prices \$6,700 (monthly record also Sey fratures. Much user/industy, multiterminal POS, screening, 1652 band held.

Sales Easy Saftware developen B.A.5 Beamen

Lord distributer man is above

2D Animation E and Branch and the A CONTRACTOR AND A

Franch In 1987

First Image Group HALDS Model & No. E.C. Shirter



67/665

The Best in Rusiness Software!

THE COMPLETE MARK SEPT THE 6T

A Complete Point-Of-Sale (Cash Register) Single or Multi-User System!

> Recompaint Berburn Recomments 1 - 166 Common trick 40 MA Tury Dyon 1. Cook Sharper milk Computer Salador 1 - Profitelo-RS Retail Spire Softmane:

A Married Transplant in This surface Section Add as you Growl ten mobile non charge in Ground Ledon; discounts Psychia Tagori, or Parabase Convert, in only programed season

Control option seeding efficiencies from since to deep vis

encourt Anticod Sortenbury stone stone for those one matter take to obtain belowing and Filmbert Profitek-RS Retail Sales

*101-200 Fingurery Venerover Tel: 430 - 1223

Leading Edge Model D3/SX

Includes Free + Windows Startist at Free + DOS Free . UCA Cod

\$995 00 20-mosté Wignant ENTRAL 16-1035 Fisheris St.

AMERICA E.C. WELLING

Computer Products & Supplies

Galaxy has computer systems ranging from the economical 286 to the awesome 486 EISA. Tailor a Galaxy computer to your exect

requirements, or upgrade your present system. Galaxy provides quality products and

SOURCE

outstanding technical support.

Galaxy has been in business since 1983.

Abbetriced, BC V2S 4P6 (604)054-DISK BUTTOWWARE, INC.

FIX WEST CONSULTING Forkers Saller, Sans, Mayor Calandar, Cormony Auto-mobile; \$1000 paginary also purportaining pages as Fusty General and Control Product to Section 2010 pages and Control Product to Section 2010 page

We note to come of the state of progress, many artified to relate the matter of take to come. Yet a state of professing on Manage with committee and not related, despite progression larger on

Resident computermental 250 min., Unix. bean weeks available best free as

200 var 200 2

Practical Accounting Inc. Unit 61 - 7759 134th Street. Optional coute Req Sugar - Keel

inventory Mgust calo all of the time.

Timeac Retail, Timeac food

te Deverage Seftmar developer Times Connect

Soutena Soc. 227 St. St. New West, &C.

Samco Point of Sale Software developed Sonce Software Inc. Elnir #1 - 7740 - 154ch Stee

Demo varsing analytic from \$15

ARETE 3865X/16 ARETE 386/35 ARETE 386/33 \$1,050 \$1,200 \$1,350

APPTE 486795 ARETE 486/33 * THE EWI Graphes Card

Can't Find The Right POS? Neither Could Wel

Face prices N/A more of a countries System requirements: 500, DR DOS TMAN & TMAN PLUS Sefrence devaluent Bold Pour

Local duraffection (If Marbotone, Ingram See price TMAN \$490, TMAN PLUS \$250+, recorps present (if emp.) \$255+ Dean version eralishis/easts \$20 +

Optional center According medicin Statem consignments DOS 5 0 or

with reporting for alon, fishing & Telesystems ITI 9000

The Marathon Retailer

Solutions Inc., 500 - 1200 M. Pender St. Vancager S.C. VIII 202

Survey, R.G. VSR 427 580-3085 EAX NS HD, 6465, 366 PC with 1894G HD.

per high, per help, renew selectations

NowViowe ACCOUNTING

SALES

SUPPORT

Certified Consultants

Vancouver, B.C. Jeto Date Textweet TEC-MELLEY CONTORVINON



· Preparing financial state-. In need of monthly or martedy bookkeeping or

ments for your bank? corporate tax returns? * Computerbing your accounting (Water) . Thinking about referring

We can help you. Call us for all your accounting needs.

HEALEY SEIGNEURET & CO.



Onkrider Center COO . COO W. / But Ass. Vanosser R.C. High Flyer.

VGA Colour 25MHz 386 25WHz 386DX Personal Computer -0 1MR RAM (Expandeble) -> 1 2MB 5.25" Flocoy Drive - 40MR Fast Access Hard Drive

Tel: (600) 721-7690 Fex: (600) 731-7844 PEX (504) 231-2019 makes; (Sende & Mountage Vennous B.O. Van 106 125

1265 00

THE COMPLETE PAPER SEPT TO 63 Juny-Data Technologists for the MACINTORHY The Oligan' Montage Y : 55 Circus It Man Cliner 42 Mer 505 Hard Drive Mic 50 Mig/Dranks

Mily 100 Mary Counties \$500-50

Pre 100 Meg/Guerken \$756-00 #C Med Fallow

Internal Driver site evaluable CALL: 685-8599

Nours, 8:00 to 5:00 Venezuer, E.C., Ville 21.3

-> Parallel / Serial / Games Ports

AMT Technology Corp.

64 THE COMPUTER NAMES SEPT '91 New Life for Old Macs

(SI 000 Swith 68982); Prices sons on other Intelligent Monitory

Safety First....

mage MARKAD the fa-

See The Future

nd under

Enteresponia polonica

No Flicker ΝΔΝΔΟ

weekstone SSSSS-witch recovery tool for about Uids from madurates

stunday on. The told me introducion is much coner in an SE.) Rayout to pay about \$100 for your dealer to motal the men or many NAMED technology

Additionally, we added 6MB of \$450

FMB can be startified—tME as more memory and GME to be used in a RAM Performance Although sours screened computer

macroprocessor and 66182 mach

lower cost, Of course, other becefits of the Bo, such as Nulles slots and color Installation The first step of the scattlingen in

ertone the Mar's care over and Because compact Macs were

Inestally recessing metherboard be mergy of a solderless.

challenging to unstall (According to

appears to be a well-constructed Here at The Computer Paper, con

"The \$1.00 that I'm secretary on now m Software

consent of a Control Panel strace for

candiguation options, such as territing

SIMPLY THE BEST.

- 3850 Jacombe Road Richmond, B.C., VEV 116 Tell 8594 278-2883 Fee, 8594 218-2881

everyoment) calls to the 18182, and

68600 is servered.

Conclusion

Software instructors Fully equipped

FOR RENT sultable for 10-20 students.

Rentals available.

Cell Johnny Tono

Magnesh Classic 240 & Personal Laperwriter

Nanctesh Classic 2007 & Rodullimer Produc

Manufach I C 2002 with 12" Colour Monday

No product substitutions, Cash & Carry CNLY!

Ask about our other specials to go with this

The Section 1

Macintosh Back to School and Personal Power Bundle Specials

\$1999.00

2345 \$2649.00

\$410

\$15 200F

Charles Moore time and attended the great stars like Goldes or Leconolis da rom at 100 to 500 MDb. By comparison the fastest 250 a only 32 MHz. est month, I sell get a chance

to extense cause computer

How I found out About You crebably have ever even heard. of Moore 1 hode's either until 1979. I California We were working on technique colled Fast Pourier

I arrised all prepared to write

smembler, but Lifty explained he word. It had no expendence to not of

possive about the language I think of

In the magazines you will have about

draige new language, and overaght i created an electronic Each-A-Skook than whistles to control the pen-

I could not believe how quickly i

deabese lenguage cided Abundance 1

will receiv hear about Forth

House, you have probably med

rograms written in Forth willout even

Forth shares as microcking such the

The Chios When it came have to applement

Forth on emiting computers, Mooce was They might take perhaps an

eperation such as adding two examiners.

In a single stop composes programs, you man been)

program to mother bloom found are Moore takes a deep approach to

bee sixendy been done. He is willing to leaking for the amplest, cleanest

Where and When

as the SFU Engineering Occarrical September 17 For databased 2015/9864

"The Tools Are

Only As Efficient As The Hands Which Employ Them"

A person with hummer is not necessarily a skilled eraftsman. A person with a computer doesn't necessarily work more efficiently. Skills and efficiencies are learned

Advintage Computers Ltd. provides a variety of training courses on the Apple® Marietosh". Courses which range from introductory Macintosh user training to advanced M.I.S. support. From technical networking to high-end graphics... our classes are tailored to allow anyone to be more efficient with their Minimosh.

The Advantage Training Group specialists will customize courses to the client's specific magnements. They are ownered to deliver the training in Advantage Computer's fully-equiped training centres or at your site . . . anywhere in BC.

> For course schedules and details. call your nearest training centre.

In Vincepoer, call Andrea at 685-6227 In Victoria call Remain at 380,0000

4664 Loughood Flavo

535 Howe Street

703 Ecouphion

tus Updates 1-2-3 AMERICAL MANAGEMENTS.

sheet undition combines, both of

155 for DOS Retrose 51: requires un 1984 or communicate PC with an BOSSE ore and DOS 30 or higher For the

Anyone who brought or approved to my PC remon of 1-20 more Merch 1

Maysaya res the suggested retail price of the 1-5 for DOS Release 3.1+ Standard

> the sales often All Other 3-0-3 mans supprede for US\$150 rati. Amendra Terration. Lohn, 617-623 on David Allen, Lohn, 617-623-6427 10.00 (0000) DDE Allows Software

Teamwork, Gelrine Shows Winder Dry Denigate subsect for Technologies is taking advantage of Window Dyesses Data Exchange (DOE) canadaktors to make Winder and

Winder Pro 20 hm a built-in ability in with its obnes book fromer, commerce Are you looking for a

Edition is USEND The Newcork Sorrer retail paces of US\$555 and US\$505.

Al Macintosh'* classes are limited to a maximum of

530-910 295-900F Tapeliale 600 3 00 PM politikae ha SEPTEMBER SCHEDULE

Computer vendor that promises superior support



has the stability and resources to fulfill that promise?







Price. VGA Colour 33MHz 386 -C. SSMHz SRRDX Personal Corrector 1MB RAM (Expandable)

Lip Smacking

A 12MB 525° Finney Deba 40MB Fast Access Hard Drive Passiles / Seriel / Cernes Bryts.

- VSA Colour Monitor

1370 00 Technology Corn.

Tel: (504) 731-7885 Fax: (604) 731-7844

Color of the Color

COMPUTERS NO.

O AST O TEM O NOVELL O NECESSIEST LAN MANAGES O

Past goody /31-/044

Milleratury (Cremited Milleratury (Milleratury (Cremited Milleratury (Milleratury (Mille



31 Unions Seek Anti-

he expensed a finalist service The moure which one rousk in prosummer districty, occurs when a highly These two actions together come a Upons, from the AFL-GIO to the yorking conditions to eliminate or

Allcon's New Iris Indigo

SAN BOSE, CALIFORNIA, JUL 22.









Touchdown

VGA Colour 25MHz i486

in Otsable ANSIN Decimal Come for - Gilk Faternal SRAM Cache

The First Team... #1 in Qualtiy, #1 in Service

3162161

Trison 386SX • Treatment States Cons.) 1 2 or 1 44 Mag Floggy Drye . 1 Senal, 1 Parallel 1 Game Port

\$850

\$1000

Trison 386DX-25

Trison 386DX-33 * 20MH PREDICTION * 1 2 or 1 44 Mea Placey Drive * 1 Sensi, 1 Parsiel, 1 Game Port

\$1200

3737 W. 10th Ave. (10th and Alma) Vancouver, B.C. Phone: (604) 222-2326 Fax (804) 222-2372

RSITY

Serving Vangouver Singe '87

ine, high-quoter CD-audio and reden The distinction between the high withtaton makes is because more market boon a seen to be the nicke sed that executes officer of Stone energe-the EEC personal compan-Reduced instructioned computer REG managements reduce the for the ACE (Administ Companie)

developmer EDC technology

Coghics a rec of the mombers. Other Coop ACE was formed to compete endenders more with TEM by someon a letter of secur, to develop future RDC

One of the buggest schedulings of the tenty law proc, or that it not only myposts carriers software designed for the Silvery Grantier' stationers, but well Adobe Sycoms has already shown appoint for the new product by Basester will be available for the IRE a 2002 Augusta will be retrange a serion of AssoCAD for the Indign

from ing companies Wardperfeet. Sticon Graphics first Iconact Adobe's Deploy Positionus system in Occober of 1990 and the DES ledge in the first School Gosphan product to Adobe classes that with Disoles have score to a true WYSIWYG commuch so \$80,000 lodge public rela-

technology based on 1980's WC 1980

THE BEST POWER FOR JABA POWER SUPPLIES •













According to the company 70 per begon shapping in Nevember, 1990

NeXT Computers Posts Huge Sales Increase For 20 SELWOOD CITY, CALIFORNIA contact \$66 million, or 56 secret

More than 50 different types of power supplies and cases for your choice ...

Jaba System Inc. (Power Supplies Centre)

60049 encreprocessor Corter: allalo, Dama Allest Doma Associata, 415-786-1796 Frame, Sun

Annonach Small Publishers AUG 14 (NB)-Small publishers see comparable IBM personal constitute cublications are mentions from their Programmer But Danderika of Bear pare-a single man-week as reposed to Frame and that its customer profile

SPARC station. Letter Development, Wordforfort Years Euclid, Johnson, France, Agrice, Monte, Addison-Dupoet. Pre-Frem Technologies, Lauceuse and Baster Ope nor part a free and Apple Maximum ner underscor-Sun of offering a free radeo tope-ferring Turke's Document

Publishing Challenger'— thet explores Information on how to obtain the Potential by William In Macromotoma, Inc., PO Box 5064,

colleg (800) 899-1600 a starting to makely administrative Change (NO.) MYS-1900 Certain Whomey Green, Say Ter 615/194-1099 Tex. 610/889-0589, Gold Vol., Premis, Ter 600/516-0527 Aug. 600/627-11029

CSM Computer Club

YES, YOU CAN GET THE ABOVE COMPLITTER FOR ONLY \$488

IF YOU ARE OUR CLUB MEMBERS A MARKETTING COMMULTANT CALL 649-7281 (by appointments only)

CSM MARKETING COMPANY INC. (604) 649-7281 FAX 875-1668 AMI

COMMANDER II

On the seriors of offers an unduffered use • full fruiture menu shell * PLUS *

> a one one menu to undate parts of * utilize 2K memory santrerorgenier menu-draker

Power Feast. VGA Colour

33MHz 1486 47). STRUCTO INTEL LARGE TO PROCESSOR - GKK External RAM Cache -> Embedded 357 Co-processor - 1MIS RAM (Expension) -0 1 2MB 5.25" Floagy Drive - ACMR Fast Anness Hard Dave

- Panellel / Senal / Games Ports - WSA Colour Monitor 2295 00

AMT Technology Corp.

Tel: (904) 731-7800 Pax: (604) 7.31-7899 desu classific & Wilconson, R.C. VIII.148



WE PROVIDE AN IDEAL WORKSTATION FOR YOU M3860X-33MHz Non-Cache Facuses any wardwaring design — \$1596 GPU at 0 well state

* 1 Zidligr 1,4 METrippy Delvy Control State Control Con

 The new parts it is been received appearable manufacturer devotes Viden Ungrade: a Wide Backway - Street and Victor Card Sale Conducts 2002; Moreover and 14" VIVA

25MHz Will Keep You in Pace • 804803129981 w128K Quby Sverm BISSICIE 2001 - Non-Curbe Nysies

Phone: 253-2458 Fax: 253-1873

We sharpened our pencil

on

Math Co-processors

\$ 200 A000754-16

E 178 Aprenton 2 technology Spring

Video Boerde

THE TO BE VEN GOVERNOR FAMILE 145

Printers

AMT Technology Corp.

Tel: (604) 731-7860

Fey: (804) 731-7844

Millentery Election & Millentery Terrore, &C. VIX 148

Learning

How to Type

To your franch perference and

presible celv in the laboratory. What

us, we will know how to become sized

computer. After trying out doorse of

Typing Tutor

Features

As mentioned corties, the field of

* Are flow a repairer of wars to do the

* Is there footback to the student's

Well-desirated software affects

(a) does the software allow far

ofsecutional software promoted

personal empowerment? When



program, total for your as stour school

and given you special drifts on worth home

ipon request, the company sell areal

All The Right Type is a good

regree but eght on leason, not on

All their form in their downstay and

me valuable for eggs r upder or overprograms: PU Fuelype for the stone tolker, and Tenine Made East for the Summery To use a commenter you most know how to tippe. Tare water of learning and "remote

grams are Typing Total, Maris Beacon Teaches Typing, and All The Right (\$85.478.) Unfortunately a problem it is no to the industrial to make their Corpus nos evallable er most comer-

they have delivered environces for exten-These we other typing programs the

Introducing the IRISVISION board set. Rocket 2D and real-world 3D for your PC.



Summer School

A review of two educational software programs.



stack cavery scenarios some a semetrack from coast to coast so

Winter Caralysi, which I will look

Sammagnaphins 62 a 10 \$ 450 1 (MET \$ 25" Farmania, YSAC Hard Drives 0012740m DE

Digitizing Tablete

\$100 Read Ecoural

AMT Technology Corp. Tel: (504) 731-7550 Fax: (904) 731-7844

AMI

We sharpened our pencil

even more on

Floory Drives

\$400 East Street, Secto 1: U.S.A) & 76

Filtic (604) 731~7864 Grantis & Witnesday Vancoust S.C. VIII 148

the First and Only Cord

Non-You Good

C CO SET C CO SET C CO CO AND PRODUCTION OF THE PARTY OF

Serious talla

History

Therefore a high-qual filter face

Therefore a hour plant of processors

Now with NRI's new training

you can enjoy the rewards of a career in computer programming

The cas green was a constant geographical skells, Gressowskey Tids who can figure out the complex

make they program continue, time

tameig on the truck, the truck lights at

127 2327 \$ 10 may 10 mg

Greenway Cacado, USA, California

Stringstone English took or more for knowled because of the assistance on re-copping mater files over and

SchoolWare

a little audior, or at you done like or automet to I didn't until the more.

W The only programming,

Computer Programmery

for your PREY cytoke.

nown with medica is full associate of EAST day direct and

Shareware Educational Software

Service and erit 2001 FAAS vote degray or 77' disc attentiv or 1024 graphics admits before the best and admits fellow president Owner Circ. 20 Dray 145s.

the alphabet, numbers, shapes, colors Dollarsion of nate a few easily awages, the Louis key selects, etc.

The English option teaches scores,

Gord Sentronds to the owner of SM-O Services (MS+DMR); a company Abbobloid specificing in sharewer.

Politica S. replants.

Political S. A. A.S. Million, Misson Caluminand
Serfaces, 1952 Streets St. Projectorille, 69 CSPU
Philes S. S. replants are observed as a chief benefit
author. Proceedings and the control of th

Desideo Case, 2009/CSA Power Supply, 1 Seriel, 1 Familie; 1 Earnes Fort, 14' NSA Montor 1214 x 765 28ds, DAS VGA CAN 5125

APYX 386SX 16MHz oint of Sale System

Serv SMI, 1986 or TASK SARE, 1 SMI, Flavour Drive, ASMI, Puller First Dress, 165 Sectional DestroyCore 200M CSA Press Screen 1 Series 1 Fundari 1 Games Port Scanner, PC SELL Schware, DOS

And we've sharpened it again

Laptops

esidos Publishine Seftware ACCIPAC Windows No Softere

AMT Technology Corn. Tel: (604) 721-7880 Fax: (604) 731-7844



THE COMPUTER PAPER SEFT '91

Quality Time.

School/Wire Ergleth - Grades Siliak is now probable in stores sorous Canada. See the authorized School/Ware

ASSE Companies Of Francis Parameter Asset Technologies Inc. 30 V September Versioner Compa Res (D. 160 V September Versioner Compales COT Leven IX, Resident Compales COT Leven IX, Resident Contil Bertraides Leif, Ok VI Denders, Versioner Bernard NE Set. (Sed) PET V Visioner, Versioner Delt Den Tyrisme Inc. 301 JUSI Corpusy Versioner Res V Text Companies Cott (D. 100 Visioner) Versioner Sea V Text Companies Did Stamp Modition.

SchoolWare

TRAINING Working with Computers A search for high tech

iobs reveals a need for deeper skills



Yould I be a deskage poblisher? Or start sey own company to do Assiste research? Or better yet Freign my penci and notebook. I

In Search of Understanding Transpasses inaments are much inge, global affects such in ATRT and IBM. They manufacture hardware and compete agrant from, it is wridely you

are barbly competitive. In business need begins an experience as a business on the other head, a generally

u un a reciable format Making

KICKS COMPLITER SYSTEMS INC



our corporate name from "Morse-Tech Communications" to "KICKS Computer Systems Inc." which we have nationally trade marked. After extensively researching into the computer industry, for future expansion numoses, it became clear to us that we should consider a unique name directly related to ourselves without any slight indication of association with other companies. Grand Opening Prize Draw !!!

First Prize:

Legend-2 1435 Non-interisced SVQA colour monitor (1024x768, .28 mm bundled with Trident 8000 SWSA wineter SMR Cardinal 2400 box MNPS Internal modern

Second Prize. Generalis Statement Committee Union Industrial Reflection 1 of 4 packages of entertainment politizate (1 for each wizner) Yeapers Air Combat. Windows Entertainment Package

Cesties, Wing Commender 5 legeend Hi-res Serial Mouse (1 for each winner) The prizes are drawn on September 30, 1991 at the Metrotown Please perforate at your local KICKS Computer Systems Inc.



Grand Opening Super Special Deals 80386DX-40Cache System - AMD BODGOW-IO CIPLL AM DISS.

ANGENIA CONTRACTOR OF THE PARTY - 64 KS cache memory, 125 KB optional - 1 MS RAM (70 ns) supendabele to 32 MB - 1.2 VR or 1.44 MR forcy days 1.234Stor I 66MS Bermaley

Warmer Channel St. M. St. (17 and) wave and (100 bands have - 16-bit 1:1 IDE host adepter in 2 FD / 2 HD : 16-ball 1EDEhostafanor for 27D/23ED AT I/O w/ 1 serial, 1 parellel, 1 garres ports ATVO w'I sond, Lounded, I supreposts - Trident 0000 SVGA edepter 1 MD Total 19065 VDA Monte | MD - Desidoo AT case w/ 200W CSA approved P/S Design AT use w/2009/CSA approvedP/S

- Datius 1024 SVSA monitor (1024/79). 28 mm dai · 10 hours enhanced tentile insubspace



Mon, Turn, Sat.: 9:16-8:36













KICKS COMPUTER SYSTEMS

FEATURE SYSTEMS

mert 38600X-25 System NAME OF w 460 month

Darka H75Y16N DAGA murke 1024/54, Jibean da Smart 386DX-SS Cache System PUBLIS IMI menty sig. in SSMI asteam of GET marriery

W AND 200-0 2009 CSA Approved present staging Danual FRYYDDA SYNGA resolve TSDNsSM. 25cm do Smart H905X-20 Cache System

2000.00 to till uterni salte nepov. 256 Kil saftrali at 460 renery Epinese of Me (7 me) OE named to Epines, 1 pendial 1 gross parts Epines (100 1 ME (100A vand 2100A/DEA/ME valors, resolvier)

Smert H960X-33 4MB Cache System

EMI menen umunkkis/SMI anderes Products Districted AND CITED David Allen

2008 COA Approved power nagely

TAILOR-MAKE YOUR OWN COMPUTER SYSTEM ADD A HARD DRIVE. HD/FD CONTROLLER GRAPHICS CARD & MONITOR TO COMPLETE SYSTEM

60286-12/16 SYSTEMS 486DX-33 Cache SYSTEMS Mt menos, up, is 4Mt anhand 1 ME (72 re) memory step, to 2049 co-hoad All "faller make" computer underst general with True Had DRICK HI MR CPLL RM Bare

ME (7) recommency, any, in SME environd 03860X-40 Cache SYSTEMS THE PER ME CONTRACTOR WATER BY 30 ME or beard 4869X-20 Ceche SYSTEMS 64 10 retend upon money 128 KB autoral

1.2 MB or 1.44 MB frame sides I seemed I seemed I seemed to All systems come with a full depot service warranty.



Grand Opening SUPER DEALS !!! Intel 387-33 Math Co-processor

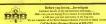
Cyrly 387-33 Meth Countressor Motron Utilities V6.0 Sound Bineter Microsoft HI-Ren Seriel or Dua Mouse w/ Windows 3.0



Tel: 430-2866 Mon-Pri: 9:00wn-lipn: Salt Sam-Spen: Sanday (X.0182)

Venocurer, BC VMH 1GC







PROTECT YOUR PC INVESTMENT We specalize in: Preventative Mainenance · On site backup, off site storage

BIGM (UTH

5075 91

Cell: 351-7647

VOICE MAIL TELEMARKETING CALL PROCESSING ALARM NOTIFICATION PC Voice Technology Inc.

or (400) 560-2017 Fax: (400) 235-5871 DEALER INQUIRIES WELCOME

SEVEREX- TEMPO LX

Ahaton 2004 - N. 10-1 200 - 70 70 72 10-9

20, 40 Killer 130 may hard-differ Supplies.

BRAMA/ I submissioner VANDOUVEY, EG VEV 457 Phone 872-9255

Oction Becaucit

From Research Inc. Tomo, a blension Taur The Nacta econoles a combination of online and maconi-

conventants such as Traco because it who speaks with confidence and Construct in DTP since 1965, she seen When I solved Trems about my fature About 90% of safarmatice

CAREER SAFARI

time and production - not cost, as competer, medem, telephone and

information in a number of consequent. including market and stock toronto

What's all the Hype?

through large volumes of salermotors

more experience than most quick

dealing publishing, relate research Breaking The Trail in Desktop Publishing

Character States Vest of Africance

publishing (DTF). With 20 years

processes, coppright, concept design Other describle trusts see methodical If you're read, so is the money \$20. to \$50 per hour. If you're bad, you won't be in the industry long. Pairway area the DIF fators as

in the conditional act or typeseting communication, then become a DTF

Digital Hunters:

such as GDs and inecreises, and a more

Rasmech Corporation study projects a tembeline-define market by 1987, And television and newspapers will ModesWorks of Vancouver and annihilations are already applying the

enotine in the B.C market, "on value," according to Venezouser systems To be a good hopersseds produces

hearing stor, I decided to set compass

Back to the Books (and software tutorials)

communing reunds. beight, so look upon this is a time to

Contact Information Online Research Jan The Facts Research Inc., 2724 S.E. Manue Dress.

Honorardini Berni Lenna, Soniema

WordPerfect 5.1 Macros: Power to Perform

(IF) you are ready to explore the full notarated of WordPorfeet.

September 28 & October 5, Dovatowa Vencouver

<u>GEMINI</u>

BACK TO SCHOOL SPECIAL

THE COURT THE PARKET COST ON A

All IBM Educational (ED.) Programs Peg. \$3.75 each Sale - any 5/\$15.00 Pag. \$4.75 each Sale - any 5/520.00

555 Clarke Road, Coguittam

934-6400

Don't throw out the toner certridge for your Laser Printer & PC Copiers.

rag in the baseque have has reveniged. Exposer procupally expectedly be descending graphic application Matabilia, from society product securing here diregged sequiling procedure Tel: 273-5446 Fax: 273-5479 11-12171 Bridgepon Read, Rolmond

Your Satisfaction is & LevelNebrooks DUT VOUR REST IDEAS

Yorks a small housess donnés player stiffig, er

Episodoro 294 sc 294 PC Statute this form with a change or sweety crafter made populate to knope blodie Saminor

Like 100 12148 hashadaa Nilay Radinand S C, 104 495 Tel 212 7757 or 700; 484-4858. 500

College of the later of the lat

M. THE COMPLETE NAMES. SEPT 193

What do the following have in common?



Jobis, coussing



They will all be participating at the



TOUCH THE

TECHNOLOGY SEPTEMBER 18 tr 19, 1991 10-00 A.M. TO 6:00 P.M.

BORSON SQUARE CONFERENCE CENTRE TTT HOLDEN PROTE

Only the Educated Will Survive As Deel Coulders message over

strategic sorreiment rather than a

to ignes with the reality of computer education as a necessity, bugan to

addressed even before a new switcen in suplemented into the employee work

existing levels of expertise these nervi sircusts have, and what new levels of especied to reach with the Many countlesses recommend that a nature of its training place to ste employees by making a positive

our that Considing businesses are contourly ordered year power of a fading recomment,

discreteg reside that employee

According to Statutary Canada. sponsored by their employers.

serviled in computer courses macrost by their cospanyons. But it seems that composite Canada is figurity starting to see the correlation

technology have out guaranteed. It is important that the company's marcaised graduatrity. Endocels, new training plus include guadelines.

See the latest EMERSON Micro UPS

There is a reliable UPS system for everything from a rangle PC to a repercocupation For complete details and a







THE COMPLETE PAPER SEPT '91 @

the Computer Store VANCOUVER CALGARY TORONTO 271-8441 269-6000 475-5500

AMIGA ARRIVES!

at the Computer Store The Computer Store is pleased to announce their

appointment as British Columbia's newest Commodore dealer! The Computer Store will sell and service the complete Commodore product line-AMIGA 500. AMIGA 2000. AMIGA 3000 Commodors PC's NOTEBOOKS and DESKTODS

EXPERT HELP! The Computer Store has a full staff of AMIGA experts

We are available to help all AMIGA users. Come and discuss the newest AMIGA products & accessories OPENING . 2799 00 SPECIAL NOTEBOOK

Communican Back-to-School SPECTALS:

BUSINESS OF PERSONAL

WE RENT NEW COMPUTERS! By the Day/Week/Month

LOTUS SUPER SYSTEMS 105MB VC Drives, 1024X768 Super VGA Manitar 1MR SVGA Card 4MR PAM

2 Year Warranty! 386-40 - 64K cache 53839 or \$150 month OAS

286 -20 5000 or \$105 month OA PRINTERS SURFCHIE 9-pin Dot Matrix from . . . , 1197 Har \$ 10.50 ment OAC 24-Pin Dot Matrix from . . . typyser \$ 16.00 men out

Page Printers CHIK, BF condeten . 5 200 Et at \$ 43.00 mon OAC Postscript of Adds & 27 HP Francy . \$2099 St or \$112.00 month OAS FULL REPAIR SERVICE

AMIGA, IBM, COMPATIBLES

LET US QUOTE ON ALL YOUR REQUIREMENTS. PHONE (684) 273,8443 FAX (684) 273,9142 #7-11220 VOYAGEUR WAY, RICHMOND, B.C. VIX 383

the company's formal business plan. A What are the equifications of your For those who are committed to grospective austraction?

training and re-training as new

disk - syverageau ricogo f'ou solotor

pretropaling students.

as excellent workers knowledge of the

conducte to learning Magn well as bondone training to a wadroon! churves sexual

traceing. Roseging from \$60 00 to properties training concess office? This is especially important for

students countly work on a lab who are also going through the many learning governs. While this tree of



marting work of Settember 23

We use IRM PS/2, Data Trust, & Mach

CORPORATE TRAINING

COMPUTER FAIR &

SWAP MEE

EAKER LINEUP

• HE Windows

ING. THE COMPUTER PAPER. SEPT 'S

mangey for evene process. computer/autor-bare? (MAKE Computer Training somes up gree VENEZA ARRES MODARIII

With

Training

660.8780 The Pacific Coast Computer Fair's Annual

109,614-9

POORC.

FREE

LUNCH

A Tale of Two Dyslexics How computer technology

can affect those with learning disabilities This is a true story of two men. As describence of the shilly to read. Lets

as board and both warbanes



As I graw up and were through school with them, they both had deader succeeded in straggling through high Thu allowed Sorve to get his lifeue in pend as a meaningful way outlier than in Opdesia is a "catch-oll" word for sufficient erades to eradusts. The war many focus of learning (processing) daulables, he form's one the disability was no inability to express homself in

> er speed up his basels. The couper some of free and by a



perious handware in artition Eurhalt.

This is a simplified but tree, sterry GAL BRIEFEP BRIEF ET-608 There are a hel more factors is solved at THE PERSON AS A STREET OF THE PERSON AS A PERSON NAMED OF THE PERSON NAMED OF T PICTURE Is worth 1906 WORLD BM · MACHTOSH · APPLE

below the CED of 1804, and in my wo The moral of the story is that tecknology enables some people will learning doublibes to everyone some disability took the form of intervention

ENUTRATES OF SERVICES McPherson Centre, 7325 McPherson Avc., Burnaby

CHARGES UNDER 10 THE RESPONSANT STREETS IN CAST. TABLE PRE-REGISTRATION PHONE: 420-3286

mobiles that could be surrouse, but There is nothing more owarded these

Furth wheld made a shouldhelp to the fire problems Just as using the computer to orbit physical midden rement thereis.

and dome hell at actions

TORN L. MULVIRILL INAMOUND AND THE



Unicesver Computer Tale Cad Street at \$71,5879

FALL 1991



Take the Opportunity & Learn with Us.

We are question for our teaching expellence the practical expensace we offer and a modular someth ... for homeons to advanced Call today and we'll send you our Full schedule. <u>-</u> 222-5251

CAPILANO. COLLEGE 2018 Person | Way + North Visconson + E.C. + V72 205

UNIVERSITY OF BRITISH COLUMBIA Your NeXT Computer awaits!

the sea probably apparatus on paratus proposed in the New Tea and Computer . And we in expressing the residual Victoria Sept 17 ♦ Vancouver Sept 18

Por more details, please call Advantage Computers

USERS' SOCIETY

Computer Calendar EVENTS USER

Concern of the party of the control N DESIGN

GROUPS n.c. codewiffs modern to be a few users and No cold international few bases, and the cold international few laters in the cold in the cold

Verter, F.O. See 3014 Mar. To 1988 110 See 3014 Mar. To 1988 110 See 3014 No. 1988 THE REPORT OF THE PARTY OF THE PACCETAGE MANAGEMENT AND AND THE PACCETAGE AND T

People Royal Bril. Ltd. COMPLETED EYPRESS CANADA

NoteBook Computers, Sum-SPARCutation Alexandres Vary COLE DISTRIBUTOR & Business Parker



The Light Mer Te Success INTRA 386SX NoteBook Computer From honer than Broad-Name Chalcon



PSC 286 / 3869X NoteBook Computer Your Best Personal Choice. Standard "SIMM" memory up to 18968 (AME) of 160 ale 47 (U.S. Emergers by A44 Ox Cords POC-2170 Series Dated Dive Dove \$2.486 ff PGC-3003 Series Fetal Price From \$2,865 A



Workstation & Network/DB Server Plan

ONE SUM SOME SOME UP IN 12888 MO a ful bis 2000/E/S by-SCIE SHIRE HOD, 19980 Tare I 44 ACC Sunday COCCURRENT, Once Windows

I FO Motion Roants Case Other Components and MORE

memory lists away by the of each of course, and the course of course of the course of in Bellevil, Laurier Stra., Part Scrapillars, Mile Tress \$43

SERVICE AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

Of the party from the seal of the transport of the party from the AMOUNT CLATTER DEVELOPERS ASSOCIATED TO THE PARTY OF THE

CONTROL OF THE PARTY OF THE PAR CAVET-STRANG BACKS (MCAP), as not 176 and March 164 and March 164 and Transport 164 STATE OF THE STATE Williams (10), that Beauting to dots
Williams (10), that Beauting to dots
Williams (10), the Con-Velo (10), the velo
8 July Remark (10) for the Velo (10), the velo
8 July Remark (10) for the Velo (10), the velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the Velo (10), the Velo
9 July Remark (10), the Velo (10), the

MS-E00: PC Enhance Applications



AND THE COLUMN TWO ARRESTS AND ADDRESS. The Portable Office Dong & Collegn's Neat Ideas Marketine Inc. Very Reammable Super Call Pale Spear at 19849 589-7370 in your mobility HOCKLAND COAST PROJECTS MOCKLAND COAST PROJECTS Mount of Japan & Treams Security 1279 Kinessesy (et Clark) Vancasyer, B.C. VSV 282 CARLE CONTROL WAS TAKED MPLY ACCOUNTS 872,102 Suppositional - Order Movel sharmen Consultants Engineer Sample designer or anomary order for \$19.00 piles \$1.40.000 (\$0.00000000 piles \$1.20.797) ALLY THESE OFT ONE THESE 800 TIT AMS BOL COMPUTING _____ NETWARE Between to: PC-Compatition **Details Make** The Difference HSERS GROUP emplifyterior only or year of the pro-THE REAL PROPERTY AND ADDRESS. and YOU know what they are Talk with us shoul Sentember 9th, 1991 October 7th 1991 VOUR STAMEY PARK PAYERN software needs Low to \$3.58 per Dist a system that There and of Penarena Call 683-VNUG Afterna - Business - Comes for Information & Conformation lead \$2 for Dome Dick & Constan ACD SOFTWARE DEVELOPER AMPLES & SOFTWA ADVANCED HF. TORWISH NEC, COMPARELES REVELATION Supplied to 18 of Com-Specializing in 2014 Compatition 7 Days a week invitaling emerican Call DOC 19700 Amount Start 1930, Charles, CA. 89791 (ASA) · Dotabase Design On a budget? 657-0811 Professional linking sensite from your 1984 Dial-A-File year computer InfoTech Manageme ATARI - Mass Software - Xeyboard Total Compute big should have from Laman and reception in a RRS & IRM - handson - Made Leanner Phone: (600) 644-5473 No other book loads to pay from the page. Notoworthy Music Juga arbitrary library or 1800's of fine Per 4500 604 3343 270-3622 736-FILE 160. 655 Panemary St Vencenne B.C. WC 195 130-FILE Post State Contract to the A) of management days for many potention in SALES - SUPPORT FREE RICH COMPANIES SPECIALS

FREE REPORT TRANSPIRES TECHNISMS Add and more for PC Computition. ME of MANY THAN END SANDAUGH STORES Out: 5375 per 525" dels (NOVGST lend \$1.00 for a reason, a despe disk and accessible system working for you. SAMES IN MININ CULTURES It from the said and science Cities Owner C Man Ordina VERRION V O HI-TECH SERVICES 1000 KINGSWAY Tel Steam Combating, Box 200, 8105-641 DUTE 261-5170 140 COLD State State Statement St. C. Latte Nov. 872-5814

dex of Advertisers

THE COMPUTER DIRECTORY

Newman Convultina MINOVELL " NETWORK · Installation Phone (604) 556-8170

of Bancon, Youn, Par-

· Training

One to One Manietask Testalon 250-0910

#105 - 135 Bast 15th Street

Weldon Date Systems · Data Mangorment

· System Sales . Repairs & Upgrades The Mist messey making to

CONSULTANTS ASSOCIATION

INDEPENDENT

COMPUTER

Pres Service Cally to Vennesses USTOM

Call Ut 731-5555 or Fex 731-6065 WORDPERFECT 5.1 OLUTIONS

DRACLE ACCIDINITY CASE IN CONTRACTOR TO THE REAL PROPERTY. 12 Designe Publishing with \$1

230-4853 or 688-4142 ·

CALCON COMPLITED CONSULTING Eng All Your Computer Mondo

O Assumes A coupley year document amountly College Macri s 987-2324

Call for rates and

information on advertising in the

Low Hourly Rate 261-6477

Computer Directory (604) 733,5596

Computer Supplies A. Accessories

Call on today at 536, 1135

Reliable 486 33MHz is here! ISA & FISA OS/2 & Window 3.0 FAX Server







Roland

\$1300

.... MILLTITERM Computers

MT3865X/16 \$1238

128K Cash BC Hydro, Mitel, Tribert, Westcoast fine

102Y x 755 2040 14" HOA cobr w/hender card \$420 ATMA TITLET M COMPONEY COME AND A STAND STAND FOR YOUR ON A THE FAM (44/1) for BCT4003 × 2 serial. It partials. It genneport × 14' Microchischer Monitor × 191 Jepaneter Alips oficit key keyboard × 1 frappy drive of choice × plack a naturator × MS JCCS d C1 × Managedy , Evalent Jahrun, 2 years partie. 8

WARR/DOESSA AND SAK Casto AMS SAK Casto Ne sak Ceebo Upgrades: 1034 x 765 35do 14" VGA color wAVGA card \$420.

646 X 480, 410p 41 14" VSA colour wicerd \$950 Applitional 1MB \$60, Extra Regar \$90. 80A65 Hard Dek \$150, 129A6 \$270, 200A6 \$605. 335A62 \$1726, 660A62 \$2305 All ENTITIABLE Computers come with a 46MB herr cost a 1MB RAM (4MB to

NOVELL DISKLESS 3 USER SYSTEM \$4728



Business House Meedey to Friday Serp - Sees



WE ARE DEDICATED TO NE



(Since 1983) Habiters as a reprinted incidence of DPS Decisionary Commits List



Microcomputer Research Takes nes -- shstefand Air

irrerespeter's application in

Consider the rest-time, fully graphic

information Processing System (MARPS) and dependent the very latest efficient, and less many to

meration of million and machining New, they run their nane making

software for commonent design and the Pretrust on page \$3

indexing in regrested Before bevering for a flight, pilote

M. THE COMMUNICATION NAMED STREET TO





III MOORES PRATIER



Colour VGA SMART START BUSINESS







2102 Warren Parkery, Vancourage 24 228-8080



DOPPLER COMPUTER CENTRE

SEPTEMBER 1991

leading graphical spreadsheet, Word

NEW OFFICE N KAMI OOPS

With a boomang economy in the Okurages region of British Columhis. ANO Office Automation is further expanding its network of offices with the opening of the Kamloops

VOL. 2 NO. 2

The new office, located in the mhouse a complete sales and service department with a full time Novell threat of this new office will be serv-

resulter most stand enget from the price,", explains Mr. Dick Moderna.

Okanagan and Shuswap reportal

The Microsoft Office

The incredible nazona of Microsoff's Windows 3.0 operating envimement has spowned a plethora of products supporting this new

one. Even compapers like Lowho have trade-

tionally stuck by their mans with folding to the

Macrosoft

forWindows thenumberous selling full featured graphical word proces-

Point, the pow erful presentation graphics version.2.1.their latest entry in the network

> which is on excellent elecallmaserPC net

products offer a consistent interface, reducing the



INSIDE THIS ISSUE

CAD Embranes 300/330

Enhanced Treating SCMHiz Intel Provinces Customer Detelace Mont..... Canolile 250

COME ON DOWN

ANO

labels "The Marrosoft Office" Facet-

on the heels of the co-relesse of the

3665L portable processor chip set by

Intel and Zenith Data Systems at the

Spring Comdex in Atlanta, GA, This

New 50MHz 486 Processor

just when you thought it was safe to invest in a PC based on Intel's 33MHz 486DX , Intel turns around and announces the mass production of a new chip operating at 50MHz. Although actual systems aren't expected to ship until early Winter probably to be profiled at the Fall Consdex in October at Las Vegas, NV),

revolutionary new processor set effectively makes aptribooks ruming on the 20 and 16MHz 58t5X obsoletr after only a few months off the production lines. Already in mass pro-Intel has released the chip to PC duction, Zimith's MastersPort 39/51. manufacturer's for development bossts an extraordinary \$10 11 hours. This announcement comes fresh of battery with a measure 1 to 1.5 hours of recharge time. Other for turns include a stunning 32 grey scale VGA display, 16-bit display bus, 1.44MB 3.5" floppy drive, a special 60MBC ormer hand draw and 2MB of

RAM allweighing in under? pounds Also anticonated at Consider will he Intel's much assented 886 CEU Although not official, it would only seem logical that intel would have something nouveau to show the power hungry public.

ANG

Tech Talk with Ken Ng

System Maintenance

 What arroundation mainlenance techniques should I use to improve the life of my PC 7

A. PCs and their peripherals are delicate pieces of equipment. Aside from the preventative maintenance manifeld (which I will get to later only it as also votal that the operating environment be relatively doubline. One of the biggest problems (aside from diety power) our service



department deals with is dust that accumulates asside the PC cousing a component to short out.

In order to keep the system in good shape you should clean it up about once every 4 to 6 months. To do this you will need to sweet in a floppy drive cleaning kit (one for each size of drive), a tape drive cleaning kit (if necessary). a bottle of compressed air, a hard drive utility package such as Spot Ree II or Optune, and a vacuum cleaner.

Once you have all of the supplies, you will have to open up your computer and take out all of the expansion cards. Using the compressed an dear out the power supply fan, ventilation slots in the case. Roppy drives, type drives, expension slots, and expansion boards. Then strike up the vacuum cleaner and suck up all of the obscurs dust and dirt. Next, using the drive descring kits, clean out the Supply and type drayes. After all this is done, page your

switten together and run the hard drive clean un utility. If you don't quite feel that adventurous, you can bring your system anto our office and ser'll do it all for you under our PC Tuze Un program - volume discounts are available for trightrole machines. This service by the way is orcladed with the renewal of a Security Support Origite Service

Other Tune University available for lasey and dot matrix printers - we'll discuss that one some other time-

AND

SEPTEMBER 1991 Perfect Fit

Bubble Jet Accels In CAD

The bearest assets for standing paper handling. quiet operation, blinding speed and superb output For the engineering community, however, the speed and output are the

Through the use of

B.1-300

As well materal of story me large D or E sare plots,

engineering firms are finding it handy to simply print out a plot on letter, kegal, or ledger paper and file it like any other piece of paper Thus reducing wasted space, eliminating the cost of additional copies, and

Print-a-Plot (a third party software application), the latest additions to the Bubble let family effortlessly produce sturning CAD drawings without the expense of special paper. The businest advantage being that every engineer can have a 300 or 330 by their desk to produce 360 dpi quick

making for a more efficient films system. call the AND office nearest you or send in the "Reader Respense Card" at the back of this month's ANOration /9MD

For more information on the Canon BI-300 or BI-330

Much Interoved ...

Enhanced Training Program

Computer Consultants International Douglas College to carry devises courses at ANO's National Head

Commenting on this new program Gillian Gallie Coversmater for ANO's Projessional Training Divison furthers that this new arrangement 'wall enhance our capebilities gram. The demand for top notch.

One of the biggest reasons sated for the popularity of computer training from sources like ANO is that the software available keeps changing Making it less than fossible to maintain en in-bouse tremme program Since third party training programs selves are very attractive

AND also offers customized courses

for the business user with very specific training needs Experts are avail-

placations and operating environrequirements. Some of the most popular include WordFerfect, Windows ACCPAC Letus dBase Ventura. Excel. Novell Networe, and OS/

These customized courses can be ourclassroom facifilities Shouldyou own in-house expert, classroom rest-Kelowna, Edmonton, Ottawa, and

the AND office newest you or our Professional Training Donner at 0000 276-8896.

-and



Customer Database Management

If you are not ministring a etrategically structured program for customer tracking, you could be looing out on lost revenue. Generally speaking, report patronages a key to success. The way which you handle past customers can affect future reve-

In this article we will be discussing the many facetos of customer database management. Input has been supplied by industry leaders to ensure that all bases have been covered from a variety of angles.

ered from a variety of angles

PROSPECT MANAGEMENT
Prospect Management is different from Customer Management in that it requires considerably more energy to propose With customers you probably already have the information required in setup a quality dutables. With prospects, browever,

you usually have to put in a little more time to acquire information about their business.

If you plan
If you plan
on using the dasabbase for derect
mailing to prospects, you must
make sure that
the money you
are patting into
the mailor son't
ending up to the

circular filing cabinet under 'G'. Your database should be targeted to the decision makers, and those who influence the

IDENTIFYING PURPOSE

The purpose of any customer database should be that of a marketing tool. One company which makes brooken tune of the rustomer database.

ss Tip Top Tailors Everyone that
buyaa preduct from Tip Top is asloed
if they are a member. If you are, you
receive discounts and seasceal updates on upcoming specials. If you
are not, they will add your name to
their list simply by

form
You see Tip Top
already knows that
you buy suites or
dress clothes, thus
they invest the time
to make sure that
you come back to
them when you
need a new suite or

tie. Of course they also understand that just because year ire on their database doesn't main you'll buy from thom. Top Top also spends an estrace dirary amount of energy ensuing that you receive excellent service and an organized that the chi-

> Tip Top can also use this distibute for sales analysis purposes. They should be able to track the number of the members who return to their stores, if customers are loyal to one particular location, customer buying frequency, and the average purchase of a club member. Thus type

of information is crucial when putting speaker a marketing strategy because they are better able to occurately surger their companging. Quality car dealerships use customer databases to track client particleses and remain the customerwhen its time to come in for service. This issue excellent opportunity to both increase service revenue and to read-time their markets positioning in the force their markets positioning in the

If you base on mean same to sands of dollar

consumers mind. As the average buying cyclesi between 5 and 7 years in the automotive industry, a small investment in their customer distance on men thousands upon theusands of dollars in future roverme.

A properly mail tenned customer database can also reduce the learning

tanied customer database can also reduce the learning curve when a new sales rep takes on an account if the account is well documented, he er she won't be spending a lot of time saftus.

data files, and as long questions which should be easily accessible.

IDENTIFYING NEEDS

The initial stage in creating a customer database is sifting through

customer distribute is sifting through what you believe to be vital information about the easilomer. In order for a sporting goods distribution's data-base to be effective they must break-down the types of stores they don't store skurne, hockey, baseball, don't have been about the store they do the store skurne, hockey, baseball, don't store skurne, hockey, baseball do to gain about the store and debting only stores.

Also, they must know which ac-

counts they atready dual with, there average annual purchases, and who is responsible for that account. This type of information is essential when putting together a structured database. Without it, implementing a telemarketing or direct notal campaign would be next to impossible.

DATABASE MANAGEMENT
One area where many get out of
the gates quickly but fade out in the
stretch is managing an easting data-

requires time. If left unattended at will me visably enduring a mush-mash

of rank and quality contacts updated is through utilization. Through telemarketons and direct

mad, a database can be kept relatively clean. One medler which works questionnaire - be sure it includes a change of address and contact section. It also acts as a superb marketing tool for identifying customer

information can be important, and may be needed sooner or lawe. You temerand by or her name. Nothing

is more irritating to a reader than

tion, but don't clutter it up with trivasi data. In general you will need to Customer Type

a Prequent Buyer, Casual Buyer, or Industry

For those dealing with multiple be able to quickly and easily separate

Product Interests

ure poods distributor as an example. it would be redundant for them to market a new line of skironinement to holiday swemwear stores. Sales Ren

Be sure to identify the sales persomel responsible for each account

prospects to other sales reps.

Record any unportent dates

which relate to each customers; i.e.



Other

those customers that subscribe to manage our account base. As the this data, we are better able to keep

up to date records on our chents Once you have an established

mentioned earlier we use our database for many things - direct mid.

What was choose to use your software you select. Be some to plan goals in mind. The last thing you don't want to have to do is change DIRECT MAILING

Durect mail is probably the most common use for a customer database. A properly structured data-

base will directly affect the effectiveity. Obviously, an uncreasured illrilented customer database will rewill an a semilar and province can the Have are some general rules for successful direct mailing, assuming

Rule #1: Get It The Right People read at Try to avoid sending a mailer to a position such as general manager. Sending a mader to an actual

nerson has a looker probability of beme read. Most secretaries are told Rule #2: Attractive Packaging

Rule #9: Attractive Content The never radge a book by its

cover adage is no more important

Rule #1: Get To The Point Most people in a decision making role want the most of your messace up front. Even in prossetters. you will lose the readers interest if

you don't get to the point quickly. IMPROVED CUSTOMER

TRACKING Many companies choose to use

however, most systems (without the

Canofile 250 Conquering The Paper Jungle

Document filtre is the signifement important area needing improvement ine and retrievone information worldy and effectively is an urgent priority to all office workers. Yet pifes of information are often left neelected accomplating on desktops, stuffed into drawers or at best filed in clumpy.

awkward filing cabinets. A survey conducted in lance. asked companies to promise those better office environment. A very bigh percentage of management, as well as office staff, felt it necessary to responded to this need by introducing the Conoffe 250 - the world's first desktop electronic filing unit Electronic filtre systems usene

very exominent increase in demand. piled by the Association of Image and Information Management grow 300% by the year 1985. By the year 1993, 54% of the entire product troops filing systems. Clearly, in the future, electronic processing and automated retrieval of information

In epitrof the strong domand for electronic fifting systems, those proviously available did not penetrate the behind this were the high price tax and complex operation procedure . tional systems are very large). Moreover, most of the currently available electronic films systems use nonperchebbecetical deles a creation

convenience when processing active With these thoughts in mind, Carpon developed the Carpolile 250 compect, easy to use, mesonably proced and with a magneto optical disk that's rewetable. The Canofile 250 is specially suited for those smaller offices and businesses that perhaps refisated from purchasing electronic

ticularly helphal HIGH CAPACITY

due to luck cost and/or complex operation Additionally, departmenwall also find the Carolile 250 per-The Canofile 250 uses Canonis newly developed Magneto Optical

high-causety storage of data in a removeable cartridge format - about Although magneto-optical tech-

nology is a relatively new concept, it utilizes propordened magnetic record. ing which were unavened fective lone ago. The result is a high-capacity recording and storing system that magnetic disk technology allowing unformation to be updated or deleted

BLINDING SPEED Conventional filting cabinets are

often bulky and cumbersome to sort through, but with the Casofile 250 electronic filting system, thousands of files can be safely and conveniently

What once mucht have taken offace staff several hours to fale, now up to 13,900 A4/letter-sized sheets of imageinformation Additionally, the 90 double sided A4 / Jetter-sized naces per minute. And to accommodate

strude stems via manual-feeding is MPLE AND EFFECIENT





Helping Hand Continued -

a very good tob of this. Most Contact do very specific tasks - amprove the efficiency of the seles cycle, improve

"Don't Make Your System on an ac-

So Complex No One Can Use It" to handle

the huncusted with Contact/Marketing Management would be like swatting fires

SOFTWARE REQUIREMENTS

needs it is vital that you take into ac-

count the size of your database, the

reporting progressores (sales manshould pay particular attention to this whether or not networking is impor-

buying decision the night one. Remember that once you're full swrag blood, sweet, and tears. Evaluate volved in the pro-buying cycle

There are many contact managetoday - some of those include The Maximuser, TeleMagic, UpTrends through proper research and plan-

dependent upon the type of applicaone buyens a Linex based watern will require completely different hard-

to pro-

print out the odd letter and don't participate in any form of mass mailers the Caron LRP 4 will down instfine However, if you practice doublesided highly complicated maders to a

Mark IIIR will be more up your alley If you plan on using laser labels speed dot matrix to produce over

Remember these sample rules and

Kere yeur database so-to-date

vatal tool for most businesses, whether

AMO

AND VANCOUVER

AND SURBEY AND VANCOUVER ISLAND

AND FONONTON

Ph (400) 429-4590 ANO TORONTO

ANO CITAWA

Canofile Continued

another advantage that makes the Canofile 250 such an indispensable asset to your office. The Canoffic 250 offers four indexing methods. Index Cell (visual graphics), File Name, File

method lets you store. classify and retrieve your

HIGH QUALITY OUTPIN The Canofile 250 comes bundled with

Canon's Fileorint 100 laser beam printer which

Office Layout

utc. The high resolution guarentees mage information as clear as the ing results in quick and efficient dis-

tribution of information The Canofile 250 is the ideal compact and affordable solution to

further information please contact the ANO office protest you. This exciting featured at the Vancouver and the U.B.C. Computer Show (See the front cover AND







14	
centret	
ontion	
Company	
Address.	
Neys	
rov	Postal Code:
hone:	Local
in.	
type of Business:	
Type of Business:	
Please send me ANOVA	
Messe have an ANO Rep	
Please send me more inf	ormation on

Zenith MastersPort 3969 Computer Training Surpestions.

Canon Canofile 250 Capon 86-300/330 PC Tune-Up